



Washington University in St. Louis

The following information was submitted through the [STARS Reporting Tool](#) to be shared with Sierra magazine for consideration in their Cool Schools publication.

Date Submitted: June 11, 2012

STARS Version: 1.2

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The information presented in this submission is self-reported and has not been verified by AASHE or a third party. If you believe any of this information is erroneous, please see the [process for inquiring](#) about the information reported by an institution.

Education & Research

Co-Curricular Education

This subcategory seeks to recognize institutions that provide their students with sustainability learning experiences outside the formal curriculum. Engaging in sustainability issues through co-curricular activities allows students to deepen and apply their understandings of sustainability principles. Institution-sponsored co-curricular sustainability offerings, often coordinated by student affairs offices, help integrate sustainability into the campus culture and set a positive tone for the institution.

Credit
Student Sustainability Educators Program
Student Sustainability Outreach Campaign
Sustainability in New Student Orientation
Sustainability Outreach and Publications
Student Group
Organic Garden
Model Room in a Residence Hall
Themed Housing
Sustainable Enterprise
Sustainability Events
Outdoors Program
Themed Semester or Year

Student Sustainability Educators Program

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution coordinates an ongoing peer-to-peer sustainability outreach and education program for degree-seeking students. The institution:

- Selects or appoints students to serve as educators and formally designates the students as educators,
- Provides formal training to the educators in how to conduct outreach, and
- Offers faculty or staff and/or financial support to the program.

This credit focuses on programs for degree-seeking students enrolled in a for-credit program. Continuing education and/or non-credit students are excluded from this credit.

Student clubs or groups, which are covered by *Co-Curricular Education Tier Two Credit 1*, are not eligible for this credit unless the group meets the criteria outlined above.

"---" indicates that no data was submitted for this field

Total number of degree-seeking students enrolled at the institution :

13761

Program name (1st program) :

Eco-Reps

Number of students served by the program to whom peer-to-peer sustainability outreach and education is offered (1st program) :

3200

A brief description of the program, including examples of peer-to-peer outreach activities (1st program) :

Our South 40 Residential Campus, the primary undergraduate residential campus, is made up of 24 residential halls divided into 10 residential colleges. The Eco-Reps program places sustainability representatives in each residential college with the task of disseminating information related to sustainability to their peers, including education, programs and opportunities to get involved.

A brief description of how the student educators are selected (1st program) :

They are elected every fall in an election

A brief description of the formal training that the student educators receive (1st program) :

They attend a retreat and are exposed to opportunities on campus, including the Student Sustainability Fund, in addition to being brought up to speed by the Office of Sustainability on university-wide initiatives and progress.

A brief description of the staff and/or other financial support the institution provides to the program (1st program) :

A staff member of Residential Life serves as an advisor to Congress of the South 40, a student government for the residential campus, which houses these Eco-Reps. Congress of the South 40 has a budget of nearly \$500,000 that the EcoReps can pull from

The website URL for 1st Program :

Program name (2nd program) :

Number of students to whom peer-to-peer sustainability outreach and education is offered (2nd program) :

A brief description of the program, including examples of peer-to-peer outreach activities (2nd program) :

A brief description of how the student educators are selected (2nd program) :

A brief description of the formal training that the student educators receive (2nd program) :

A brief description of the staff and/or other financial support the institution provides to the program (2nd program) :

The website URL for 2nd program :

Program name (3rd program) :

Number of students to whom peer-to-peer sustainability outreach and education is offered (3rd program) :

A brief description of the program, including examples of peer-to-peer outreach activities (3rd program) :

A brief description of how the student educators are selected (3rd program) :

A brief description of the formal training that the student educators receive (3rd program) :

A brief description of the staff and/or other financial support the institution provides to the program (3rd program) :

The website URL for 3rd program :

Program name (All other programs) :

Number of students to whom peer-to-peer sustainability outreach and education is offered (All other programs) :

A brief description of the program, including examples of peer-to-peer outreach activities (All other programs) :

A brief description of how the student educators are selected (All other programs) :

A brief description of the formal training that the student educators receive (All other programs) :

A brief description of the staff and/or other financial support the institution provides to the program (All other programs) :

The website URL for all other programs :

Student Sustainability Outreach Campaign

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution holds at least one sustainability-related outreach campaign directed at students. The campaign yields measurable, positive results in advancing sustainability. The sustainability-related outreach campaign may be conducted by the institution, a student organization, or students in a course.

To measure if the campaign yields measurable, positive results, institutions should compare pre-campaign performance to performance during or after the campaign.

The campaign could take the form of a competition (such as a residence hall conservation competition), or a collective challenge (such as a campus-wide drive to achieve a specific sustainability target).

The campaign may focus on one or more sustainability issues, but educating students is a primary feature of the campaign.

The campaign may reach additional campus members (faculty, staff, visitors, etc.) as long as students are one of the audiences of the campaigns.

The following impacts are not sufficient for this credit:

- Increased awareness
 - Additional members of a mailing list or group
-

"---" indicates that no data was submitted for this field

Does the institution hold a campaign that meets the criteria for this credit? :

Yes

The name of the campaign(s) :

Green Cup

A brief description of the campaign(s) :

The Green Cup is an energy use reduction competition between the fraternity houses and between the residential colleges to encourage energy conservation. It takes place over a four week period with a prize for the winning residential college and winning fraternity.

A brief description of the measured positive impact(s) of the campaign(s) :

A healthy spirit of energy conservation and competition spread through the South 40 residential campus and the fraternities, with a healthy number of positive anecdotes. Quantitatively, we saved over 4000 kWh of electricity, averted burning nearly 4500 lbs coal and the release of almost 4 tons of CO₂.

The website URL where information about the sustainability outreach campaign(s) is available :

<http://greencup.wustl.edu/>

Sustainability in New Student Orientation

Responsible Party

William Fischer

Fellow

Office of Sustainability

Criteria

Institution includes sustainability prominently in its new student orientation activities and programming. Sustainability activities and programming are made available to all new students and are intended to educate about the principles and practices of sustainability.

Because orientation activities vary from one institution to another, prominent inclusion of sustainability may not take the same form on each campus. When reporting for this credit, each institution will determine what prominent inclusion of sustainability means given its particular context.

As this credit is intended to measure sustainability being infused throughout the institution, program or discipline-level orientations are not included in this credit.

"---" indicates that no data was submitted for this field

Does the institution include sustainability prominently in new student orientation? :

Yes

A brief description of how sustainability is included prominently in new student orientation :

We have undertaken a wide variety of initiatives to integrate sustainability as much as possible into new student orientation by:

- Co-sponsoring a "Defining Sustainability" event for new students during the "First 40 Days" to meet the various green groups on campus and engage in discussion with university administrators on the current university path towards sustainability
- Co-sponsoring an off-campus program to acquaint new students with the public transit system, Metro, including light rail and buses
- Including information on sustainability on campus in email newsletters and paper publications to incoming freshmen
- Training RAs and Residential College Directors on sustainability on-campus, including recycling rules, our Sustainability Plan, and transportation alternatives, and making relevant materials available to them, including magnets with the recycling rules, sustainable living guides and information on relevant upcoming events
- Being present at various large events during the "First 40 Days" with sustainability materials and mini-activities
- Providing a lesson plan for a sustainability-themed freshman floor program that RAs can choose to use on their floors
- Educating student orientation ambassadors, WUSAs, on campus sustainability initiatives and green living tips for new students

The website URL where information about sustainability in new student orientation is available :

Sustainability Outreach and Publications

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution produces outreach materials and/or publications that foster sustainability learning and knowledge. The publications and outreach materials may include the following:

- A central sustainability website that consolidates information about the institution's sustainability efforts
 - A sustainability newsletter
 - A vehicle to publish and disseminate student research on sustainability
 - Building signage that highlights green building features
 - Food service area signage and/or brochures that include information about sustainable food systems
 - Signage on the grounds about sustainable groundskeeping strategies employed
 - A sustainability walking map or tour
 - A guide for commuters about how to use alternative methods of transportation
 - A guide for green living and incorporating sustainability into the residential experience
 - Regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat
 - Other
-

"---" indicates that no data was submitted for this field

Does the institution have a central sustainability website that consolidates information about the institution's sustainability efforts? :

Yes

A brief description of the central sustainability website that consolidates information about the institution's sustainability efforts :

The sustainability website coordinates information on operations, research, teaching and special initiatives at the university. Included are links to important documents such as the Strategic Plan for Environmentally Sustainable Operations, the Energy Use Reduction Report and the campus greenhouse gas inventory.

The website URL for the central sustainability website that consolidates information about the institution's sustainability efforts :

<http://sustain.wustl.edu/>

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Does the institution have a sustainability newsletter? :

Yes

A brief description of the sustainability newsletter :

The sustainability office newsletter is a weekly email coordinating events, job postings, news and updates on and off campus related to sustainability. It is coordinated by the Office of Sustainability and is sent to students, staff and faculty. To signup, visit

<http://eepurl.com/cwIo9>

. Included below is a link to an example newsletter.

The website URL for the sustainability newsletter :

<http://us2.campaign-archive2.com/?u=7066ff9764a241168352699e8&id=6d68a85327>

Does the institution have a vehicle to publish and disseminate student research on sustainability? :

No

A brief description of the vehicle to publish and disseminate student research on sustainability :

The website URL for the vehicle to publish and disseminate student research on sustainability :

Does the institution have building signage that highlights green building features? :

Yes

A brief description of building signage that highlights green building features :

Recently-constructed Brauer Hall has digital signage that highlights green building features. It cycles through the features using the Lucid Dashboard framework. Additionally, the Danforth University Center highlights its sustainable technologies with signs.

The website URL for building signage that highlights green building features :

<http://buildingdashboard.com/clients/washu/seas/brauer/>

Does the institution have food service area signage and/or brochures that include information about sustainable food systems? :

Yes

A brief description of food service area signage and/or brochures that include information about sustainable food systems :

Our campus dining services, Bon Appetit, posts information on sustainable food sourcing guidelines, including low-impact fishing and issues surrounding local food procurement. This information is in large part taken from their corporate food responsibility guide, the Circle of Responsibility.

These communication pieces include:

- Monterey Bay Aquarium Seafood Watch Guidelines
- Natural Beef information
- Farm-to Fork Chalkboards & Table Tents
- Recycling & Composting Posters at dish returns
- Composting signage
- Compostable Cup information
- Menu highlights (digital and paper) for Farm-to-Fork vendors, sustainable seafood items and other sustainable menu choices
- Sustainability Food Banners
- Regular information is posted in the student newspaper and the faculty/staff newspaper on food sustainability
- Coffee cup sleeves run information on our food sustainability practices

The website URL for food service area signage and/or brochures that include information about sustainable food systems :

<http://www.circleofresponsibility.com/>

Does the institution have signage on the grounds about sustainable grounds-keeping strategies employed? :

No

A brief description of signage on the grounds about sustainable grounds-keeping strategies employed :

The website URL for signage on the grounds about sustainable grounds-keeping strategies employed :

Does the institution have a sustainability walking map or tour? :

No

A brief description of the sustainability walking map or tour :

The website URL of the sustainability walking map or tour :

Does the institution have a guide for commuters about how to use alternative methods of transportation? :

Yes

A brief description of the guide for commuters about how to use alternative methods of transportation :

All new faculty and staff receive a guide for alternative methods of transportation, entitled "Commuter Choices." It contains all information relevant to using the university-sponsored Metro pass, the university car-sharing program, our carpooling program and bicycle options.

The website URL for the guide for commuters about how to use alternative methods of transportation :

<http://www.parking.wustl.edu/>

Does the institution have a guide for green living and incorporating sustainability into the residential experience? :

Yes

A brief description of the guide for green living and incorporating sustainability into the residential experience :

The Washington University Sustainable Living Guide contains a guide for car-free St. Louis adventures, general facts related to sustainability topics and specific tips to guide sustainable lifestyles in the residential halls.

The website URL for the guide for green living and incorporating sustainability into the residential experience :

<http://www.wustl.edu/initiatives/sustain/assets/WUSTLSustainableLivingManual.pdf>

Does the institution have regular coverage of sustainability in the main student newspaper (either through a regular column or a reporter assigned to the sustainability beat)? :

No

A brief description of regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat :

The website URL for regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat :

Does the institution produce another sustainability publication or outreach material not covered above? (1st material)

:

Yes

A brief description of this material :

The Office of Sustainability published a comprehensive summary of the university's sustainability initiatives fall of 2010. This contains activities related to operational policies, university initiatives, student programs and research.

The website URL for this material :

http://sustainabilitypledge.wustl.edu/SiteCollectionDocuments/Sustainability_Brochure.pdf

Does the institution produce another sustainability publication or outreach material not covered above? (2nd material) :

Yes

A brief description of this material :

The Office of Sustainability has developed a leaflet that is distributed at new faculty and staff orientation as a way to educate faculty and staff on how they can reduce their carbon footprint and to improve communication about the university's sustainability initiatives.

The website URL for this material :

<http://sustainabilitypledge.wustl.edu/SiteCollectionDocuments/Staff%20Orientation%20Leaflet.pdf>

Does the institution produce another sustainability publication or outreach material not covered above? (3rd material) :

Yes

A brief description of this material :

The Washington University International Center for Advanced Renewable Energy and Sustainability (I-CARES) publishes its research initiatives in a brochure.

The website URL for this material :

<http://icares.wustl.edu/initiatives/I-CARES%20brochure-for%20distribution.pdf>

Does the institution produce another sustainability publication or outreach material not covered above? (4th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (5th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (6th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (7th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (8th material) :

A brief description of this material :

The website URL for this material :

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an active student group focused on sustainability? :

Yes

The name and a brief description of each student group :

Green Action members participate in regional and national sustainability movements, maintaining relevancy and awareness of current events, politics and issues through events that engage the community and foster a culture of activism.

List up to 4 notable recent activities or accomplishments of student group(s) :

- *Hosted a symposium on the State of Renewable Energy in Missouri, Spring 2012
- *WU Students for Int'l Collaboration on the Environment sent a number of students to the recent COP17
- *WUSTL Trading Post held a series of free swaps, lessening the number of items students have to buy, the first ever on campus
- *The Olin Sustainability Case Competition engaged campus and the community in proposing ways to "green" campus landscape

List other student groups that address sustainability :

Net Impact, Energy & Environmental Law Society, Green Events Commission, VERDE, Engineers Without Borders, Student Sustainability Fund, The Burning Kumquat, WUSTL Trading Post, Outing Club, Wash U Co-Op, Velo Bear, Environmental Justice Initiative

The website URL where information about student group(s) is available :

<http://students.cec.wustl.edu/~lhc1/>

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an on-campus garden where students are able to gain organic farming and/or gardening experience? :

Yes

A brief description of the garden :

The Burning Kumquat is a low-impact, intensive garden on the campus of Washington University in St. Louis. They focus their efforts on fighting food desserts in North St. Louis city and running a summer camp for community youth. They also have a strong relationship with Washington University Dining Services and often sell produce to them, and the Washington University community at the student center.

The website URL where information about the garden is available :

<http://burningkumquat.wustl.edu/>

Model Room in a Residence Hall

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an occupied, formally designated model room in a residence hall that is open to students during regular hours and demonstrates sustainable living principles? :

No

A brief description of the model room :

The website URL where information about the model room in the residence hall is available :

Themed Housing

Responsible Party

Rebecca Madson

Coordinator for Student Involvement
Residential Life

Submission Note:

Visit the link above for more information on BLOCs

"--- " indicates that no data was submitted for this field

Does the institution have sustainability-themed housing (residential floor or hall, or theme house) where residents learn about sustainability together and to which residents must apply? :

Yes

A brief description of the themed housing, including name(s) and descriptions of theme(s) :

It's Not Easy Being Green: A Sustainable Living BLOC is WUSTL's first themed housing. The BLOC's mission is: "to better educate ourselves and the Wash U community about what it means to be environmentally sustainable. We are committed to using resources responsibly with the understanding that we only have one Earth, and we would like to leave it in good shape for future generations"

Programs and events include:

-We plan to setup a green point system where each member will document their progress towards sustainable living

-We think that a 12 hour lights out once a semester will be a great way to spread awareness about our initiative to reduce resource consumption

The website URL where information about the themed housing is available :

http://village.wustl.edu/index.php?option=com_content&view=article&id=50&Itemid=72

The total number of residents in themed housing. :

Responsible Party

Andria West

Manager of Operations

George Warren Brown School of Social Work

"---" indicates that no data was submitted for this field

Does the institution have a student-run enterprise, such as a cafe, through which students gain sustainable business skills? :

Yes

A brief description of the enterprise :

Grounds for Change (GFC), located in the George Warren Brown School of Social Work, is a cafe that serves eco-friendly coffee, pastries, fruit and snacks. All proceeds from the operation are sent to the school's Student Coordinating Council which coordinates events related to social justice that raise awareness of environmental, labor, and social justice issues. GFC promotes social justice and diversity within its practices, products, services, and staff through sustainable business practices and governance.

The website URL where information about the sustainable enterprise is available :

<http://brownschool.wustl.edu/newsroom/PressRelease/Pages/GroundsforChange.aspx>

Sustainability Events

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution hold major events related to sustainability, such as conferences, speaker series, or symposia, that have students as the intended audience? :

Yes

A brief description of the event(s) :

In Spring of 2011, the Office of Sustainability partnered with the Edison Theater to hold a Environmentalism & The Arts series. This series included a colloquium on Environmentalism & The Arts, a performance by a local band playing on recycled instruments for Earth Day, a screening of the film Waste Land and a tree-climbing workshop.

The website URL where information about the event(s) are available :

<http://news.wustl.edu/news/Pages/22224.aspx>

Outdoors Program

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a wilderness or outdoors program that organizes hiking, backpacking, kayaking, or other outings for students and follows Leave No Trace principles? :

Yes

A brief description of the program :

The Outing Club is dedicated to providing outdoor opportunities to all Washington University students regardless of financial means or past experience while promoting a strong stance of environmental and social responsibility. They aim to help students break out of the often city-centric college experience with trips of all varieties to local and distant outdoor attractions. In the past few years, they've ventured out for backpacking in Missouri's beautiful Ozarks, climbing in stunning Illinois, Arkansas and Kentucky, spelunking in the endless caves that stretch though the state, rafting in Tennessee, cycling, canoeing, wandering, floating, camp-firing, picnicking, car-camping, trail-running, and star-gazing.

The website URL where information about the program is available :

<http://outing.wustl.edu/OC/Home.html>

Themed Semester or Year

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Has the institution chosen a sustainability-related theme for its themed semester, year, or first-year experience during the past three years? :

Yes

A brief description of the themed semester, year, or first-year experience :

In fall of 2008, all incoming students were required to read "Field Notes from a Catastrophe" by Elizabeth Kolbert as a part of the Freshman Reading Program. The book focused discussions among freshman floors related to sustainability. In addition, Kolbert visited Washington University and addressed the campus community in an Assembly Series lecture.

The sustainability-related book that was chosen, if applicable :

Field Notes from a Catastrophe

The website URL where information about the theme is available :

<http://frp.wustl.edu/about/>

Curriculum

This subcategory seeks to recognize institutions that have formal education programs and courses that address sustainability. One of the primary functions of colleges and universities is to educate students. By training and educating future leaders, scholars, workers, and professionals, higher education institutions are uniquely positioned to prepare students to understand and address sustainability challenges. Institutions that offer courses covering sustainability issues help equip their students to lead society to a sustainable future.

Credit
Sustainability Course Identification
Sustainability-Focused Courses
Sustainability-Related Courses
Sustainability Courses by Department
Sustainability Learning Outcomes
Undergraduate Program in Sustainability
Graduate Program in Sustainability
Sustainability Immersive Experience
Sustainability Literacy Assessment
Incentives for Developing Sustainability Courses

Sustainability Course Identification

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Part 1

Institution has developed a definition of sustainability in the curriculum. The definition was developed by a committee comprised of at least three faculty members who teach courses in different departments. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

In order to report on other STARS Curriculum credits, the definition of sustainability in the curriculum should distinguish between courses that focus or concentrate on the concept of sustainability throughout the course and courses that relate to an aspect of sustainability or include sustainability as part of the course.

- Sustainability-focused courses concentrate on the concept of sustainability, including its social, economic, and environmental dimensions, or examine an issue or topic using sustainability as a lens.
- Sustainability-related courses incorporate sustainability as a distinct course component or module or concentrate on a single sustainability principle or issue.

Part 2

Institution has identified its sustainability-focused and sustainability-related course offerings. A course is either sustainability-focused or sustainability-related; no course should be identified as both sustainability-focused and sustainability-related. Each institution is free to choose a methodology to identify sustainability courses that is most appropriate given its unique circumstances. Asking faculty or departments to self-identify sustainability courses using the definition in Part 1 or looking at the stated learning outcomes and course objectives associated with each course may provide a richer view of sustainability course offerings than simply reviewing course descriptions, but it is not required.

Part 3

Institution makes its sustainability course inventory publicly available online. The identification can be incorporated into the course catalog or posted as a stand-alone document.

"---" indicates that no data was submitted for this field

Has the institution developed a definition of sustainability in the curriculum? :

Yes

A copy of the institution's definition of sustainability in the curriculum? :

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

From the Report of the Brundtland Commission, Our Common Future, 1987.

Washington University honors the spirit of sustainability captured in the famous quotation of the Brundtland Commission. On the other hand, we recognize that sustainability is a complex term, because it embraces concepts that as a matter of practice can be in conflict with one another. A community may overuse a limited natural resource because they perceive such exploitation is necessary to compete economically or even to survive. In another setting, a country may have an abundance of resources that could benefit other nations but its social infrastructure is unstable and inequitable making cooperation difficult. All of these complexities are combined in a world where resources are used unevenly by the world’s population. Technological advances in efficiency in food, energy, or material production, if implemented worldwide, could move more societies closer to a sustainable lifestyle, but these advances are just one component of an overall sustainable solution. At Washington University, we recognize these intricacies and view sustainability through the lenses of the environment, the economy and our social structures.

Through our research, our teaching, and our engagement with those outside of our community, we strive to create viable solutions that may address some or all three of the components of sustainable systems. We also want to help train tomorrow’s leaders to use our resources efficiently and find innovative solutions to human-environment issues.

One important way to work with our future leaders is through our sustainability-focused courses that concentrate on the concept of sustainability and our sustainability-related courses that incorporate sustainability as a topic or focus on one of the components of sustainable systems.

Has the institution identified its sustainability-focused and sustainability-related course offerings? :

Yes

A brief description of the methodology the institution followed to complete the inventory :

Each school on campus was provided with the WU Sustainability Definition and asked to complete a survey of its courses, indicating those that fall into the categories of 'Sustainability-related' and 'Sustainability-focused.'

Work was done by the Sustainability Office to supplement the information received from each school to complete the survey. An intern was employed for several hours to review coursework in the School of Arts & Sciences.

In some cases where the course directory was very large, keywords were used to cull down the results.

Does the institution make its sustainability course inventory publicly available online? :

Yes

The website URL where the sustainability course inventory is posted :

<http://sustainabilitypledge.wustl.edu/Pages/Sustainability-at-WUSTL.aspx>

Sustainability-Focused Courses

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution offers sustainability-focused academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

"---" indicates that no data was submitted for this field

The number of sustainability-focused courses offered :

36

The total number of courses offered :

4268

Number of years covered by the data :

One

A list of sustainability-focused courses offered :

See inventory at URL below or in attached spreadsheet

The website URL where the publicly available sustainability course inventory that includes a list of sustainability-focused courses is available :

<http://sustainabilitypledge.wustl.edu/Pages/Sustainability-at-WUSTL.aspx>

A copy of the sustainability course inventory :

[WUSTL_2010-2011_Sustainability_Courses.xls](#)

Sustainability-Related Courses

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution offers sustainability-related academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

"---" indicates that no data was submitted for this field

The number of sustainability-related courses offered :

334

The total number of courses offered :

4268

Number of years covered by the data :

One

A list of sustainability-related courses offered :

See URL or attached spreadsheet

The website URL where the sustainability course inventory that includes a list of sustainability-related courses is posted :

<http://sustainabilitypledge.wustl.edu/Pages/Sustainability-at-WUSTL.aspx>

A copy of the sustainability course inventory :

[WUSTL_2010-2011_Sustainability_Courses.xls](#)

Sustainability Courses by Department

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution's academic departments (or equivalent) offer sustainability-related and/or sustainability- focused courses.

"---" indicates that no data was submitted for this field

The number of departments that offer at least one sustainability-related or -focused course :

49

The total number of departments that offer courses :

90

A list of departments that offer sustainability courses :

Brown School of Social Work: 1 Department
School of Arts & Sciences: 17 Departments
School of Engineering & Applied Science: 5 Departments
Olin School of Business: 1 Department
Sam Fox School of Design & Visual Arts: 2 Departments
School of Law: 1 Department
University College: 17 Departments
School of Medicine: 5 Departments

The website URL where the publicly available sustainability course inventory that includes a list of departments that offer sustainability courses is available :

<http://sustainabilitypledge.wustl.edu/Pages/Sustainability-at-WUSTL.aspx>

A copy of the sustainability course inventory :

[WUSTL_2010-2011_Sustainability_Courses.xls](#)

Sustainability Learning Outcomes

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution's students graduate from programs that include sustainability as a required learning outcome or include multiple sustainability learning outcomes.

For this credit, learning outcomes at the course level count if the course is required to earn the degree. This credit includes graduate as well as undergraduate programs. For this credit, "programs" include majors, minors, concentrations, certificates, and other academic designations. Programs that include co-curricular aspects may count as long as there is an academic component of the program.

"---" indicates that no data was submitted for this field

The number of graduates covered by the sustainability learning outcomes :

993

Total number of graduates :

8319

A list of degree programs that have sustainability learning outcomes :

School of Engineering (Info can be seen

<http://engineering.wustl.edu/visionplans.aspx>):

Bachelors, Masters, and PhD programs from departments: -Biomedical Engineering

-Energy, Environmental and Chemical Engineering

-Mechanical Engineering & Materials Science

-Electrical & Systems Engineering

-Computer Science & Engineering

George Warren Brown School of Social Work:

-Masters of Public Health

<http://gwbweb.wustl.edu/Admissions/MPH/Pages/publichealthoverview.aspx>

-Masters of Social Work

<http://gwbweb.wustl.edu/Admissions/MSWProgram/Pages/MSWOverview.aspx>

-PhD

<http://gwbweb.wustl.edu/Admissions/PhDProgram/Pages/PhDOverview.aspx>

School of Arts & Sciences:

-Environmental Studies:

<http://enst.wustl.edu/node/321>

-Anthropology:

<http://anthropology.artsci.wustl.edu/about>

The website URL where the publicly available sustainability course inventory that includes a list of degree programs that have specified sustainability learning outcomes is available :

<http://engineering.wustl.edu/visionplans.aspx>

A copy of the sustainability course inventory :

[WUSTL_2010-2011_Sustainability_Courses.xls](#)

A list or sample of the sustainability learning outcomes associated with the degree programs :

Undergraduate Program in Sustainability

Responsible Party

Steven Ehrlich
Associate Dean
University College

Criteria

Institution offers at least one sustainability-focused undergraduate major, degree program, or equivalent.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a major (e.g. a concentration on sustainable business within the business major) do not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution offer an undergraduate degree program that meets the criteria for this credit? :

Yes

The name of the sustainability-focused, undergraduate degree program (1st program) :

Bachelor of Science in Sustainability

The website URL for the program (1st program) :

<http://ucollege.wustl.edu/areas/biology/sustainability>

The name of the sustainability-focused, undergraduate degree program (2nd program) :

The website URL for the program (2nd program) :

The name of the sustainability-focused, undergraduate degree program (3rd program) :

The website URL for the program (3rd program) :

The name and website URLs of all other sustainability-focused, undergraduate degree program(s) :

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

Graduate Program in Sustainability

Responsible Party

Pratim Biswas

Stifel & Quinette Jens Prf Of Environmental Engineering Science
Chemical Engineering

Criteria

Institution offers at least one sustainability-focused degree program or equivalent for graduate students.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count for this credit as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a degree program (e.g. a concentration on sustainable business within an MBA program) do not count for this credit.

Submission Note:

Although there are no MBA core courses specifically addressing corporate social responsibility or environmental issues, virtually every course touches on topics related to sustainability to some degree. More specific coverage of sustainability-related topics can be found in the electives for this dual degree program and it is virtually assured that students will be addressing such issues as the program is designed to attract graduate students who are passionate about sustainability.

Please visit the announcement on this new degree program at
<http://news.wustl.edu/news/Pages/22017.aspx>

"---" indicates that no data was submitted for this field

Does the institution offer a graduate degree program that meets the criteria for this credit? :

Yes

The name of the sustainability-focused, graduate-level degree program (1st program) :

Master's Dual Degree in Engineering and Business

The website URL for the program (1st program) :

http://eece.wustl.edu/ContentFiles/Degree/MEng_MBA_Flyer.pdf

The name of the sustainability-focused, graduate-level degree program (2nd program) :

The website URL for the program (2nd program) :

The name of the sustainability-focused, graduate-level degree program (3rd program) :

The website URL for the program (3rd program) :

The name and website URLs of all other sustainability-focused, graduate-level degree program(s) :

Sustainability Immersive Experience

Responsible Party

Enrique Von Rohr

Director, Design Research Studio
School of Art

Criteria

Institution offers at least one immersive, sustainability-focused educational study program. The program(s) may take place off-campus, overseas, or on-campus.

For this credit, the program meets one or both of the following criteria:

- it concentrates on sustainability, including its social, economic, and environmental dimensions or
- it examines an issue or topic using sustainability as a lens.

Immersive programs offered in partnership with outside entities may count for this credit. Programs offered exclusively by outside entities do not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution offer a program that meets the criteria for this credit? :

Yes

A brief description of the sustainability-focused immersive experience(s) offered by the institution :

Course: Design Studio – Architecture 500/600

The Graduate Program is offering an upper level studio in collaboration with Delft TU which focuses on the sustainable re-use of existing buildings. Students are expected to propose a comprehensive redesign strategy that incorporates environmental principles into technical solutions. The studio is team taught by Christof Jantsen, and our leading technical professor, Paul Donnelly.

Course: Alberti Program - Architecture for Young People

The mission of the Alberti Program - Architecture for Young People is to introduce principles of sustainable design, inspire experimentation with architecture, encourage problem solving, and introduce experiences within a University setting. The program targets students from disadvantaged backgrounds that attend ten different schools in the City of St. Louis. Student in the College and Graduate School of Architecture receive credit for teaching the course with a lead instructor. While students assist with teaching they are also involved in developing course materials and teaching issues of sustainability

The website URL where information about the immersive experience is available :

http://samfoxschool.wustl.edu/alberti_program

Sustainability Literacy Assessment

Responsible Party

William Fischer

Fellow

Office of Sustainability

Criteria

Part 1

Institution conducts an assessment of the sustainability literacy of its students. The sustainability literacy assessment focuses on knowledge of sustainability topics, not values or beliefs.

Part 2

Institution conducts a follow-up assessment of the same cohort group using the same instrument.

"---" indicates that no data was submitted for this field

Has the institution conducted a sustainability literacy assessment? :

No

Did the assessment include a baseline evaluation of students and then a follow-up evaluation of the same cohort? :

A copy of the questions included in the sustainability literacy assessment :

A copy of the questions included in the sustainability literacy assessment :

A brief description of how the assessment was developed :

A brief description of how the assessment was administered :

A brief summary of results from the assessment :

The website URL where information about the literacy assessment is available :

Incentives for Developing Sustainability Courses

Responsible Party

William Fischer

Fellow

Office of Sustainability

Criteria

Institution has an ongoing program or programs that offer incentives for faculty in multiple disciplines or departments to develop new sustainability courses and/or incorporate sustainability into existing courses or departments. The program aims to increase student learning of sustainability.

Incentives may include release time, funding for professional development, and trainings offered by the institution.

Incentives for expanding sustainability offerings in academic, non-credit, and/or continuing education courses count for this credit.

"---" indicates that no data was submitted for this field

Does the institution have a program that meets the criteria outlined above? :

No

A brief description of the program(s) :

A brief description of the incentives that faculty members who participate in the program(s) receive :

The website URL where information about the program is available :

Research

This subcategory seeks to recognize institutions that are conducting research related to or focused on sustainability. Conducting research is a major function of many colleges and universities. By researching sustainability issues and refining theories and concepts, higher education institutions can continue to help the world understand sustainability challenges and develop new technologies, strategies, and approaches to address those challenges.

Credit
Sustainability Research Identification
Faculty Engaged in Sustainability Research
Departments Engaged in Sustainability Research
Sustainability Research Incentives
Interdisciplinary Research in Tenure and Promotion

Sustainability Research Identification

Responsible Party

Chad Henry

Operations Manager

International Center for Advanced Renewable Energy and Sustainability (I-CARES)

Criteria

Part 1

Institution has developed a definition of sustainability research. The definition was developed by a committee comprised of at least three faculty members from different departments who conduct research. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

Part 2

Institution has identified its sustainability research activities and initiatives. This research inventory should include all research centers, laboratories, departments, and faculty members whose research focuses on or is related to sustainability.

Part 3

Institution makes its sustainability research inventory publicly available online.

Submission Note:

Additional websites for sustainability research:

<http://mageep.wustl.edu/Research.aspx>

<http://cccu.wustl.edu/research.php>

<http://publichealth.wustl.edu/people/Pages/Institute%20Projects.aspx>

"---" indicates that no data was submitted for this field

Has the institution developed a definition of sustainability research? :

Yes

A copy of the institution's definition of sustainability research :

Sustainability research includes scholarly examinations and explorations that fall under the University's definition of sustainability (provided below). Sustainability research is perceived broadly and is not defined by source of support.

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

- From the Report of the Brundtland Commission, Our Common Future, 1987.

Washington University honors the spirit of sustainability captured in the famous quotation of the Brundtland Commission. On the other hand, we recognize that sustainability is a complex term, because it embraces concepts that as a matter of practice can be in conflict with one another. A community may overuse a limited natural resource because they perceive such exploitation is necessary to compete economically or even to survive. In another setting, a country may have an abundance of resources that could benefit other nations but its social infrastructure is unstable and inequitable making cooperation difficult. All of these complexities are combined in a world where resources are used unevenly by the world's population. Technological advances in efficiency in food, energy, or material production, if implemented worldwide, could move more societies closer to a sustainable lifestyle, but these advances are just one component of an overall sustainable solution. At Washington University, we recognize these intricacies and view sustainability through the lenses of the environment, the economy and our social structures.

Through our research, our teaching, and our engagement with those outside of our community, we strive to create viable solutions that may address some or all three of the components of sustainable systems. We also want to help train tomorrow's leaders to use our resources efficiently and find innovative solutions to human-environment issues.

One important way to work with our future leaders is through our sustainability-focused courses that concentrate on the concept of sustainability and our sustainability-related courses that incorporate sustainability as a topic or focus on one of the components of sustainable systems.

Has the institution identified its sustainability research activities and initiatives? :

Yes

A brief description of the methodology the institution followed to complete the inventory :

Production of the University's sustainability research inventory began with an examination of the fiscal year 2010 award list used by the Vice Chancellor for Research for the FY2010 Annual Report. The annual award report is produced for internal use only and is the basis for the data presented in this report. The report was reviewed to broadly classify research at the University. It was quickly noted that the report under-reported total research at the University by narrowly focusing on research projects that received external funding support via grants and contracts in that fiscal year. Since not all disciplines rely equally on external funding to conduct research it was decided that a more individual review of research was required to fully identify sustainability research, especially across the academic departments outside the medical center. Since research centers and other core infrastructure supports are very important to the University's research enterprise the next step was to identify those centers that conducted sustainability research to identify faculty actively engaged in sustainability research projects. Centers identified to be active in sustainability research include:

- International Center for Advanced Renewable Energy and Sustainability
- Consortium for Clean Coal Utilization
- McDonnell Academy Global Energy and Environment Partnership
- Center for Genome Studies
- Institute for Public Health

Reviewing these sites was helpful to identify critical masses of sustainability research and to provide parameters for the more detailed inventory steps to be undertaken. The final step in the inventory included a thorough walkthrough of each academic department's faculty roster to identify tenure and tenure-track faculty engaged in sustainability research. This was assessed through faculty members' identified research areas, description of lab research projects, recent publications and other such descriptions. Results were cross-checked against the research listings of the sustainability activities of the identified research centers and through advanced searches of University and department websites.

Does the institution make its sustainability research inventory publicly available online? :

Yes

The website URL where the sustainability research inventory is posted (required if claiming Part 3 of the credit) :

<http://icares.wustl.edu/>

Faculty Engaged in Sustainability Research

Responsible Party

Chad Henry

Operations Manager

International Center for Advanced Renewable Energy and Sustainability (I-CARES)

Criteria

Institution's faculty members conduct research on sustainability topics.

Any level of sustainability research by a faculty member is sufficient to be included for this credit. In other words, a faculty member who conducts both sustainability research and other research may be included.

Submission Note:

The Vice Chancellor for Research does not individually classify faculty or publicly report information on their involvement in research at WUSTL.

Research is an expectation of faculty at Washington University in St. Louis. Therefore the reported base number of faculty members engaged in research is the total number of tenure and tenure track faculty.

"---" indicates that no data was submitted for this field

The number of faculty members engaged in sustainability research :

141

The total number of faculty members engaged in research :

1277

Names and department affiliations of faculty engaged in sustainability research :

The Vice Chancellor for Research does not individually classify faculty or publicly report such information.

The website URL where the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research is posted :

A copy of the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research :

Brief descriptions of up to 4 recent notable accomplishments by faculty engaged in sustainability research, including names and department affiliations :

The website URL where information about sustainability research is available :

Departments Engaged in Sustainability Research

Responsible Party

Chad Henry

Operations Manager

International Center for Advanced Renewable Energy and Sustainability (I-CARES)

Criteria

Institution's academic departments include faculty members who conduct sustainability research.

Any level of sustainability research by a faculty member in a department is sufficient for this credit.

Submission Note:

Additional websites:

<http://mageep.wustl.edu/Research.aspx>;

<http://cccu.wustl.edu/research.php>;

<http://publichealth.wustl.edu/people/Pages/Institute%20Projects.aspx>

In order to control for joint appointments across academic departments every attempt was made to assign sustainability research by primary faculty appointment. Faculty members identified as conducting sustainability research span 22 academic departments.

"---" indicates that no data was submitted for this field

The total number of academic departments that conduct research :

47

The number of academic departments in which at least one faculty member engages in sustainability research :

22

A list of academic departments in which at least one faculty member engages in sustainability research :

The Vice Chancellor for Research does not publicly report such information.

The website URL where the sustainability research inventory that includes the departments engaged in sustainability research is posted :

<http://icares.wustl.edu/>

A copy of the sustainability research inventory that includes the departments engaged in sustainability research :

Sustainability Research Incentives

Responsible Party

Chad Henry

Operations Manager

International Center for Advanced Renewable Energy and Sustainability (I-CARES)

Criteria

Part 1

Institution has an ongoing program to encourage students in multiple disciplines or academic programs to conduct research in sustainability. The program provides students with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and mentorships.

Part 2

Institution has an ongoing program to encourage faculty from multiple disciplines or academic programs to conduct research in sustainability topics. The program provides faculty with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and faculty development workshops.

Submission Note:

Additional information on student research programs:

Interdisciplinary Certificate of Accomplishment in Bioenergy and the Environment:

<http://parc.wustl.edu/outreach/certificate>

Undergraduate Research:

<http://ur.wustl.edu/>

Additional information on faculty research programs:

MAGEEP Funding:

<http://mageep.wustl.edu/FUNDINGOPPS/FundingOpportunities.aspx>

CCCU Funding:

<http://cccu.wustl.edu/research-fund.php>

"---" indicates that no data was submitted for this field

Does the institution have a program to encourage student sustainability research that meets the criteria for this credit? :

Yes

A brief description of the institution's program(s) to encourage student research in sustainability :

Student participation in sustainability research is encouraged in multiple ways and through different paths. Additional support is available in internal pilot funding for faculty research projects to protect funding for student participation. Programs are devoted directly to students. Increasingly, large-scale projects are also looking for avenues to increase student participation in ways that align with curriculum and provide mentoring opportunities.

The website URL where information about the student research program is available :

<http://icares.wustl.edu/funding/current.php>

Does the institution have a program to encourage faculty sustainability research that meets the criteria for this credit? :

Yes

A brief description of the institution's program(s) to encourage faculty research in sustainability :

Faculty participation in sustainability research is largely provided through internal pilot research funding from the International Center for Advanced Renewable Energy and Sustainability (I-CARES), the McDonnell Academy Global Energy and Environment Partnership (MAGEEP), the Institute for Public Health and the Consortium for Clean Coal Utilization. Additional funding through the Office of Technology Management's Bear Cub Fund and the Vice Chancellor for Research University Research Strategic Alliance program are focused on technology development and facilitating new interdisciplinary connections, respectively. Those they two aren't fully devoted to sustainability research they are certainly programs under which sustainability research would fit well.

The website URL where information about the faculty research program is available :

<http://icares.wustl.edu/funding/current.php>

Interdisciplinary Research in Tenure and Promotion

Responsible Party

Chad Henry

Operations Manager

International Center for Advanced Renewable Energy and Sustainability (I-CARES)

Criteria

Institution gives positive recognition to interdisciplinary, transdisciplinary, and multidisciplinary research during faculty promotion and tenure decisions.

Submission Note:

Additional websites:

Washington University in St. Louis Policy on Academic Freedom, Responsibility, and Tenure:

<http://www.wustl.edu/policies/tenure.html>

VCR URSA:

<http://aladdin.wustl.edu/research/rss.nsf/WSM/86257443007322038625788E00653E7C>

"---" indicates that no data was submitted for this field

Does the institution's treatment of interdisciplinary research meet the criteria for this credit? :

Yes

A brief description or a copy of the institution's policy regarding interdisciplinary research :

The University's Policy on Academic Freedom, Responsibility and Tenure established the basic guidelines for tenure and promotion decisions. And the Provost has established a Policy on Joint Appointments that is used for formal appointments that span multiple departments. Each school at the University is responsible for managing faculty appointed in their disciplines. Arts & Sciences has a specific policy governing Procedures for Faculty with Joint Appointments Between a Program and a Department in Arts and Sciences that discusses the proper valuation of interdisciplinary research and ensure proper expertise is solicited in the external review process. The role of interdisciplinary mentoring for junior faculty has also received attention. In 2009 the Provost convened a Diversity Working Group Subcommittee on Mentoring that issued recommendations on Best Practices for the University's non-medical campus. Those recommendations underscore the value and help provide different approaches to interdisciplinary mentoring.

The International Center for Advanced Renewable Energy and Sustainability is one such entity on campus that provides direct support to faculty, I-CARES Professors, who pursue interdisciplinary research in sustainability related fields. I-CARES Professors have been appointed in the School of Engineering and Applied Sciences and the Sam Fox School of Design and Visual Arts. A position is currently being recruited for an endowed professorship in environment biology.

In recognition of the value of interdisciplinary growth, the Vice Chancellor for Research just announced a new internal funding program designed to “foster new interdisciplinary collaborations that result in innovative research.” Funding up to \$25,000 will be provided for such projects and will help new research teams work across departmental boundaries on projects that will spawn new research which is competitive for extramural support.

The website URL where information about the treatment of interdisciplinary research is available :

<http://icares.wustl.edu/initiatives/new.php>

Operations

Buildings

This subcategory seeks to recognize institutions that are taking steps to improve the sustainability performance of their buildings. Buildings are generally the largest user of energy and the largest source of greenhouse gas emissions on campuses. Buildings also use significant amounts of potable water. Institutions can design, build, and maintain buildings in ways that provide a safe and healthy indoor environment for inhabitants while simultaneously mitigating the building’s impact on the outdoor environment.

Credit
Building Operations and Maintenance
Building Design and Construction
Indoor Air Quality

Building Operations and Maintenance

Criteria

Institution owns and operates buildings that are:

1) Certified under the LEED® for Existing Buildings: Operations & Maintenance (O&M) Green Building Rating System,

and/or

2) Operated and maintained in accordance with sustainable operations and maintenance guidelines and policies that cover the following:

- Impacts on the surrounding site
- Energy consumption
- Usage of environmentally preferable materials
- Indoor environmental quality
- Water consumption

"---" indicates that no data was submitted for this field

Total building space that meets "Eligible Buildings Criteria" :

Building space that is maintained in accordance with sustainable building operations and maintenance guidelines or policies but is NOT certified under LEED for Existing Buildings: O&M :

Building space that is LEED for Existing Buildings: O&M Certified :

0 Square Feet

Building space that is LEED for Existing Buildings: O&M Silver certified :

0 Square Feet

Building space that is LEED for Existing Buildings: O&M Gold certified :

0 Square Feet

Building space that is LEED for Existing Buildings: O&M Platinum certified :

0 Square Feet

The website URL where a copy of the institution's guidelines or policies for sustainable building operations and maintenance is available :

An electronic copy of the guidelines or policies :

The date(s) the policies or guidelines were adopted :

A brief description of how the institution ensures compliance with sustainable building operation and maintenance guidelines and policies :

The names and certification levels of all buildings that are certified under LEED for Existing Buildings: O&M :

The names of all buildings operated and maintained in accordance with similar sustainable operations and maintenance guidelines and policies :

Building Design and Construction

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

Institution-owned buildings that were constructed or underwent major renovations in the past three years are:

1) Certified under the LEED® for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems,

and/or

2) Designed and built in accordance with green building guidelines and policies that cover the following topics:

- Impacts on the surrounding site
 - Energy consumption
 - Usage of environmentally preferable materials
 - Indoor environmental quality
 - Water consumption
-

Submission Note:

For additional information on LEED® projects on the Washington University campuses, please visit

<http://magazine.wustl.edu/2011/february/Pages/GreenbyDesign.aspx>

"---" indicates that no data was submitted for this field

New building space that meets "Eligible Buildings Criteria" :

1053826 Square Feet

New building space that was designed and constructed in accordance with green building policies or guidelines but not LEED certified :

0 Square Feet

New building space that is LEED Certified :

145736 Square Feet

New building space that is LEED Silver certified :

187392 *Square Feet*

New building space that is LEED Gold certified :

720698 *Square Feet*

New building space that is LEED Platinum certified :

0 *Square Feet*

The website URL where a copy of the institution's guidelines or policies for green building is available :

<http://sustain.wustl.edu/>

An electronic copy of the guidelines or policies :

The date(s) the policies or guidelines were adopted :

2010

A brief description of how the institution ensures compliance with green building design and construction guidelines and policies :

The University employs LEED® Accredited Professionals on all major construction and renovation projects exceeding \$2M in construction cost. These individuals are tasked with ensuring that the projects in question meet LEED Silver qualifications and, where possible and appropriate, LEED Gold or Platinum. Most all of WUSTL's projects have been submitted under LEED-NC, adhering to LEED 2009 standards.

The names of all buildings that are certified under the LEED for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems :

The names of all buildings designed and constructed in accordance with green building guidelines and policies but not LEED certified :

Responsible Party

Robert Hall

Manager, Maintenance Operations
Maintenance Administration

Criteria

Institution has adopted an indoor air quality management policy, plan, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints. Policies and plans adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

"---" indicates that no data was submitted for this field

Occupied building space covered by an indoor air quality plan, policy, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints :

10994093 *Square Feet*

Total occupied building space :

12215659 *Square Feet*

A brief description of the institution's indoor air quality plan, policy, and/or practices :

The University strives to exceed ASHRAE guidelines regarding occupant comfort through the use of Johnson Controls (and other vendors) DDC technology. This is achieved through monitoring and control of the majority of campus square footage according to temperature and humidity and in some cases carbon dioxide.

The website URL where information about the institution's indoor air quality initiatives is available :

Climate

This subcategory seeks to recognize institutions that are measuring and reducing their greenhouse gas emissions. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries.

Credit
Greenhouse Gas Emissions Inventory
Greenhouse Gas Emissions Reduction
Air Travel Emissions
Local Offsets Program

Greenhouse Gas Emissions Inventory

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

Criteria

Part 1

Institution has conducted a GHG emissions inventory covering its Scope 1 and Scope 2 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

Part 2

Institution has conducted a GHG emissions inventory covering Scope 3 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

Submission Note:

Regarding those Scope 3 emissions not included (specifically those attributed to food purchasing): WUSTL has no control over the GHG emissions involved in the production and delivery of mass-produced food. These Scope 3 emission sources are not included in the WUSTL inventory because the emissions are far removed from the function of educating students and WUSTL has limited ability to influence these emissions nor are these emissions covered under protocols such as the CA-CP calculator.

"---" indicates that no data was submitted for this field

The website URL where the GHG emissions inventory is posted :

<http://www.wustl.edu/initiatives/sustain/assets/GHGEmissions.pdf>

Does the inventory include all Scope 1 and 2 emissions? :

Yes

Does the inventory include emissions from air travel? :

Yes

Does the inventory include emissions from commuting? :

Yes

Does the inventory include embodied emissions from food purchases? :

No

Does the inventory include embodied emissions from other purchased products? :

Yes

Does the inventory include emissions from solid waste disposal? :

Yes

Does the inventory include another Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

Personal Automobile Use/Reimbursed mileage (WUSTL business)

Does the inventory include a second Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

Electricity Transmission and Distribution Losses (Purchased Electricity)

Does the inventory include a third Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

Contracted transportation, namely the bus service

Does the inventory include a fourth Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

Contractor owned and operated construction vehicles, construction equipment, and landscaping

Greenhouse Gas Emissions Reduction

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

Criteria

Institution reduced its net Scope 1 and Scope 2 GHG emissions per weighted campus user compared to a 2005 baseline.

For this credit, off-site, institution-catalyzed carbon offsets (i.e. those popularly known as “local offsets”) count in full. Purchased carbon offsets that have been verified by a third party may count towards a portion of the reduction. Purchased offsets that have not been third-party verified do not count.

To conduct a GHG emissions inventory, campuses may use any methodology and/or calculator that is consistent with the Greenhouse Gas Protocol's Corporate Accounting and Reporting Standards.

The baseline GHG emissions inventory should include the same emissions sources as the performance year emissions inventory.

Submission Note:

In other areas of our STARS submission, we have primarily focused on the square footage of those areas of main operation (i.e. main campus locations). For the purposes of this credit, we have included all campuses/areas covered in the GHG Emissions report.

"---" indicates that no data was submitted for this field

Scope 1 and 2 gross GHG emissions, 2005 :

331900 *Metric Tons of CO2 Equivalent*

Off-site, institution-catalyzed carbon offsets generated, 2005 :

51400 *Metric Tons of CO2 Equivalent*

Third-party verified carbon offsets purchased, 2005 :

0 *Metric Tons of CO2 Equivalent*

On-campus residents, 2005 :

4013

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

16848

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

5142

Scope 1 and 2 gross GHG emissions, performance year :

355300 *Metric Tons of CO2 Equivalent*

Off-site, institution-catalyzed offsets generated, performance year :

54200 *Metric Tons of CO2 Equivalent*

Carbon offsets purchased, performance year :

0 *Metric Tons of CO2 Equivalent*

List the start and end dates of the GHG emissions performance year :

7/1/2006-6/31/2007

On-campus residents, performance year :

4503

Non-residential/commuter full-time students, faculty, and staff members, performance year :

18017

Non-residential/commuter part-time students, faculty, and staff members, performance year :

4449

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with GHG performance year) :

7/1/2006-6/31/2007

Air Travel Emissions

Responsible Party

Daniel Bentle

Communications Coordinator
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have policies and/or programs in place to reduce emissions from air travel? :

Yes

A brief description of the policies and/or programs :

New buildings, such as the Stephen F. and Camilla M. Brauer Engineering Hall, have included state-of-the-art teleconferencing centers where possible. Brauer Hall's 'Distance Learning Center' is open to departments across campus for their use in hosting webinars/other national/international events so as to mitigate the need for travel.

The website URL where information about the policies and/or programs is available :

<http://eece.wustl.edu/aboutthedepartment/Pages/brauer-hall.aspx>

Local Offsets Program

Responsible Party

Daniel Bente

Communications Coordinator

Office of Sustainability

Submission Note:

The overarching goal within our Strategic Plan for Sustainable Operations is to reduce reduce greenhouse gas emissions to 1990 greenhouse gas emissions levels by 2020 without purchasing carbon offsets.

Because carbon offsets permit emitters to not actually reduce their pollution, but to merely meet regulatory caps on emissions, this is not a strategy we are pursuing in meeting our goal.

"---" indicates that no data was submitted for this field

Does the institution have a local offsets program through which the institution seeks to offset its greenhouse gas emissions by implementing projects that reduce GHG emissions in the local community? :

No

A brief description of the program :

The website URL where information about the program is available :

<http://www.wustl.edu/initiatives/sustain/strategicplan2-final.html>

Dining Services

This subcategory seeks to recognize institutions that are supporting a sustainable food system. Modern industrial food production often has deleterious environmental impacts. Pesticides and fertilizers used in agriculture can contaminate ground and surface water, which has potentially dangerous impacts on wildlife and human health. Furthermore, the often long-distance transportation of food to institutions produces greenhouse gas emissions and other pollution. Additionally, farm workers are often paid substandard wages, subjected to harsh working conditions, and exposed to dangerous pesticides. Institutions can use their food purchases to support their local economies; encourage safe, environmentally-friendly farming methods; and help alleviate poverty for farmers.

Please note that while dining services can also play an important role in conserving energy and water, reducing waste, and purchasing environmentally preferable materials other than food, STARS measures these impacts across the institution instead of by department; therefore, the benefits of these actions are captured in the Energy, Water, Waste, and Purchasing subcategories, respectively.

Credit
Food and Beverage Purchasing
Trayless Dining
Vegan Dining
Trans-Fats
Guidelines for Franchisees
Pre-Consumer Food Waste Composting
PostConsumer Food Waste Composting
Food Donation
Recycled Content Napkins
Reusable Container Discounts
Reusable To-Go Containers

Food and Beverage Purchasing

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

This credit includes food and beverage purchases for on-campus dining services operated by the institution or the institution's primary on-site contractor. Institution purchases food and beverages that meet at least one of the following criteria:

- Grown and processed within 250 miles of the institution
- Third-party certified (USDA Certified Organic, Marine Stewardship Council Blue Ecolabel, Food Alliance, Fair Trade, Certified Humane Raised and Handled)

Food and beverage purchases that meet multiple criteria listed above should not be double-counted.

This credit includes food and beverage purchases for on-campus dining operations and catering services operated by the institution or the institution's primary dining services contractor (e.g. Aramark, Bon Appétit Management Company, Chartwells, Sodexo). On-site franchises, convenience stores, vending machines, or concessions are excluded from this credit unless they are operated by the institution or the institution's primary on-site contractor..

Submission Note:

Washington University contracts out its dining services to more than one vendor based on campus location. The approximate food percentage indicated above represents an average of the reported percentages on sustainable food purchased between the vendors.

Note: Our primary vendor stipulates a radius of 150 miles (versus 250) as a local guideline. Thus it is very possible that more of the budget is spent on locally grown foods, but no tracking system is as yet in place.

Detailed information is available upon request.

"---" indicates that no data was submitted for this field

Percentage of food expenditures that meet one or more of the criteria for this credit (0 - 100) :

9

A brief description of the sustainable food and beverage purchasing program :

WUSTL Dining Services is contracted to Bon Appetit, who runs a number of sustainability-related dining programs, initiatives and events including but not limited to, Farm to Fork Program, Low Carbon Diet Day, Eat Local Challenge, Sustainable Seafood Purchasing, Cash for Crops Program, purchasing all grass-fed beef hamburgers and using certified cage-free, humanely raised shell eggs.

The Website URL where information about the institution's sustainable food and beverage purchasing efforts is available :

<http://diningservices.wustl.edu/Pages/default.aspx>

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does the institution have a trayless dining program in which trays are removed from or not available in dining halls?

:

No

A brief description of the trayless dining program :

Trays are only available at larger a la carte cafes and have been eliminated at smaller dining locations. Trays for brunch at our Bear's Den location on Saturday and Sunday are removed to reduce food waste during all-you-care-to-eat service.

List the year the program was started :

The overall percentage of meals served on campus that are trayless :

The percentage of meal plan meals served on campus that are trayless :

The percentage of retail facility meals served on campus that are trayless :

The percentage of conference meals served on campus that are trayless :

The website URL where information about the program is available :

<http://diningservices.wustl.edu/Pages/default.aspx>

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does the institution offer diverse, complete-protein vegan dining options during every meal? :

Yes

A brief description of the vegan dining program :

Complete-protein vegan and vegetarian meals and offerings are plentiful at all of our campus dining locations. At larger locations, students have the opportunity to create their own meals by choosing protein, starch and vegetables; vegan protein choices are widely available. At locations where this create your own meal option is not available, freshly prepared grab and go meals include vegan and vegetarian options.

The website URL where information about the program, policy, or practice is available :

<http://diningervices.wustl.edu/Pages/default.aspx>

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does the institution use frying oil that does not include trans-fats and seek to avoid foods that include trans-fats in its dining operations? :

Yes

A brief description of the trans-fats avoidance program, policy, or practice :

Bon Appetit at Washington University uses only non-hydrogenated canola oil in fryers to minimize the presence of trans-fatty acids in the food. When research came out in the late 1980's linking heart disease to fats, Bon Appetit converted all of their frying oil to canola oil. In addition, heart-healthy olive and canola oils are used for everyday salad dressings, specialty oils for other purposes (e.g. sesame oil for Chinese cooking). In 2004, a non-hydrogenated canola oil came on the market and Bon Appétit was the first food service company to use it throughout all of our operations. The result is healthier food for guests.

The website URL where information about the program, policy, or practice is available :

<http://diningervices.wustl.edu/Pages/default.aspx>

Guidelines for Franchisees

Responsible Party

Christopher Doyle

Senior Contract Management Liaison

Resource Management

"---" indicates that no data was submitted for this field

Has the institution adopted sustainability policies or guidelines for food service franchisees operating on campus? :

A brief description of the guidelines for franchisees :

The website URL where information about the guidelines is available :

Pre-Consumer Food Waste Composting

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does the institution have a pre-consumer food waste composting program? :

Yes

A brief description of the pre-consumer food waste composting program :

Pre-consumer food waste and kitchen scraps are all collected on site at the main dining locations on the Danforth Campus and are picked up by St. Louis Composting to be composted off-site. The end product is brought back to campus to be used in the University's landscaping operations.

The overall percentage of meals for which pre-consumer scraps are composted :

The percentage of meal plan meals for which pre-consumer scraps are composted :

The percentage of retail facility meals for which pre-consumer scraps are composted :

The percentage of conference meals for which pre-consumer scraps are composted :

The website URL where information about the composting program is available :

PostConsumer Food Waste Composting

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does the institution have a postconsumer food waste composting program? :

Yes

A brief description of the postconsumer food waste composting program :

There is a post-consumer compost collection at the largest café, the Bear's Den in the South 40 House. Both the pre and post-consumer food waste is then collected by St. Louis Composting to be composted off-site and returned to the campus to be used in our landscaping operations.

The percentage of overall meals for which postconsumer composting is available :

The percentage of meal plan meals for which postconsumer composting is available :

The percentage of retail facilities for which postconsumer composting is available :

The percentage of conference meals for which postconsumer composting is available :

The website URL where information about the composting program is available :

Food Donation

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

---" indicates that no data was submitted for this field

Does the institution donate leftover or surplus food? :

Yes

A brief description of the food donation program :

Our dining services partner, Bon Appetit, donates leftover and surplus food on a regular basis (on average 3 times a week) to either Campus Kitchens, a student group that coordinates food donations for use in the preparation of meals delivered to community agencies identified by the St. Louis Food Bank, or to Operation Food Search, a St. Louis area food bank that distributes food free of charge to feed the poor and hungry in the St. Louis area. In addition, leftover kosher food is donated on a daily basis to provide meals to the hungry preferring kosher options.

The website URL where information about the food donation program is available :

Recycled Content Napkins

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does the institution use recycled content napkins in its dining service operations? :

Yes

A brief description of the purchasing behavior :

All napkins purchased by our dining services partner, Bon Appetit, are at least 30% post-consumer recycled fiber. Roughly 100,000 napkins are purchased per week for the dining facilities in total.

The website URL where information about the purchasing is available :

Reusable Container Discounts

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does campus dining operations offer discounts to customers who use reusable mugs instead of disposable cups in to-go food service operations? :

Yes

A brief description of the reusable mug program :

Bon Appetit Management Co. provides a discount for customers on hot and cold beverages at all dining locations when reusable mugs are used.

Amount of the discount offered for using reusable mugs :

0.75

Description of other reusable food- or beverage-related programs (e.g. incentives for use of reusable bags, dishware, to-go containers) :

Dining facility visitors can pay \$3 upfront to purchase a reusable to-go box which can be used at any campus cafe and will net the user a \$0.25 savings each use

The website URL where information about the reusable mug discount program is available :

Reusable To-Go Containers

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

"---" indicates that no data was submitted for this field

Does campus dining operations provide reusable containers for to-go food that are returned for cleaning and reuse? :

Yes

A brief description of the reusable to-go container program :

BPA-free reusable to-go containers are offered at a small charge (one time only) to customers to use for meals. Customers who use the program, receive 25 cents off of each meal when they use the container.

The website URL where information about the reusable to-go container program is available :

Energy

This subcategory seeks to recognize institutions that are reducing their energy consumption through conservation and efficiency, and switching to cleaner and renewable sources of energy such as solar, wind, geothermal, and low-impact hydropower. For most institutions, energy consumption is the largest source of greenhouse gas emissions, which cause global warming. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries. In addition to causing global warming, energy generation from fossil fuels, especially coal, produces air pollutants such as sulfur dioxide, nitrogen oxides, mercury, dioxins, arsenic, cadmium and lead. These pollutants contribute to acid rain as well as health problems such as heart and respiratory diseases and cancer. Coal mining and oil and gas drilling can also damage environmentally and/or culturally significant ecosystems. Nuclear power creates highly toxic and long-lasting radioactive waste. Large-scale hydropower floods habitat and disrupts fish migration.

Implementing conservation measures and switching to renewable sources of energy can help institutions save money and protect them from utility rate volatility. Renewable energy may be generated locally and allow campuses to support local economic development. Furthermore, institutions can help shape markets by creating demand for cleaner, renewable sources of energy.

Credit
Building Energy Consumption
Clean and Renewable Energy
Timers for Temperature Control
Lighting Sensors
LED Lighting
Vending Machine Sensors
Energy Management System
Energy Metering

Building Energy Consumption

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

Criteria

Institution has reduced its total building energy consumption per gross square foot of building space compared to a 2005 baseline.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBtu

Submission Note:

Given the more accurate data recorded in fiscal year 2009 in conjunction with the greenhouse gas emissions inventory, we have chosen to use this as our baseline year. Since that time, WUSTL's Energy Reduction Committee has identified \$46.6 M worth of energy conservation projects and our Facilities departments have made substantial progress in implementing many of the initiatives included. That being said, it is likely that the University has reduced energy consumption to a larger extent than is indicated by the data presented here.

"---" indicates that no data was submitted for this field

Total building energy consumption, 2005 :

2136504 MMBtu

Building space, 2005 :

8971410 Gross Square Feet

Total building energy consumption, performance year :

2221564 MMBtu

Building space, performance year :

10005874 *Gross Square Feet*

List the start and end dates of the energy consumption performance year :

7/1/2010-6/31/2011

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

Criteria

Institution supports the development and use of clean and renewable energy sources using any one or combination of the following options.

Option 1: Generating electricity from clean and renewable energy sources on campus and retaining or retiring the rights to the environmental attributes of such electricity. (In other words, if the institution has sold Renewable Energy Credits for the clean and renewable energy it generated, it may not claim such energy here). The on-site renewable energy generating devices may be owned and/or maintained by another party as long as the institution has contractual rights to the associated environmental attributes.

Option 2: Using renewable sources for non-electric, on-site energy generation, such as biomass for heating.

Option 3: Catalyzing the development of off-site clean and renewable energy sources (e.g. an off-campus wind farm that was designed and built to supply electricity to the institution) and retaining the environmental attributes of that energy.

Option 4: Purchasing the environmental attributes of electricity in the form of Renewable Energy Certificates (RECs) or other similar renewable energy products that are either Green-e Energy certified or meet Green-e Energy's technical requirements and are verified as such by a third party, or purchasing renewable electricity through the institution's electric utility through a certified green power purchasing option.

Option 5: Using cogeneration technologies to generate electricity more efficiently. Note: generating electricity using cogeneration technology and a renewable fuel, such as biomass, is considered Option 1 and should not be counted twice.

Since this credit is intended to recognize institutions that are generating new sources of clean and renewable energy, neither the electric grid mix for the region in which the institution is located nor the grid mix reported by the electric utility that serves the institution count for this credit.

Technologies that reduce the amount of energy used but do not generate renewable energy do not count for this credit. For example, daylighting, passive solar design, and ground-source heat pumps are not counted in this credit. The benefits of such strategies are captured by *OP Credit 5: Greenhouse Gas Emissions Reductions* and *OP Credit 7: Building Energy Consumption*.

Transportation fuels, which are covered by *OP Credit 14: Campus Fleet*, are not included in this credit.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBTU

"---" indicates that no data was submitted for this field

Option 1: Total clean and renewable electricity generated on site during the performance year and for which the institution retains or has retired the associated environmental attributes :

101.91 MMBtu

Option 2: Non-electric renewable energy generated :

0 MMBtu

Option 3: Total clean and renewable electricity generated by off-site projects that the institution catalyzed and for which the institution retains or has retired the associated environmental attributes :

0 MMBtu

Option 4: Total RECs and other similar renewable energy products that the institution purchased during the performance year that are Green-e certified or meet the Green-e standard's technical requirements and are third party verified :

0 MMBtu

Option 5: Total electricity generated with cogeneration technology using non-renewable fuel sources :

0 MMBtu

Total energy consumed during the performance year :

2221564 MMBtu

A brief description of on-site renewable electricity generating devices :

The Living Learning Center at the University's Tyson Research Center maintains a series of solar photovoltaic panels. Through these solar PVs, and with a combination of other sustainable systems, the Living Learning Centers produces net zero energy per the requirements of the Living Building Challenge (a certification the building received this past year).

Other solar PVs are located atop the Brauer Engineering Hall and Olin Library. A few wind turbines are also being piloted at a few locations on and off campus.

A brief description of on-site renewable non-electric energy devices :

A brief description of off-site, institution-catalyzed, renewable electricity generating devices :

A brief description of RECs or other similar renewable energy products purchased during the previous year, including contract timeframes :

A brief description of cogeneration technologies deployed :

The website URL where information about the institution's renewable energy sources is available :

Timers for Temperature Control

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

"---" indicates that no data was submitted for this field

Does the institution use timers to regulate temperatures based on occupancy hours in at least one building? :

Yes

A brief description of the technology used :

We use occupancy timers in several of our buildings for night/weekend temperature control setbacks. One example would be Seigle Hall (construction completed in 2008), which uses this type of technology to adjust space temperature setpoints based on occupancy.

The percentage of building space (square footage) with timers for temperature control :

The website URL where information about the practice is available :

Lighting Sensors

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

"---" indicates that no data was submitted for this field

Does the institution use motion, infrared, and/or light sensors to reduce energy use for lighting in at least one building? :

Yes

A brief description of the technology used :

We use both motion and infrared sensors in many of our buildings for lighting occupancy control. For example, the Danforth University Center, completed in 2008, utilizes these sensors in meeting rooms and common spaces.

The percentage of building space with lighting sensors :

The website URL where information about the institution's use of the technology is available :

LED Lighting

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

"---" indicates that no data was submitted for this field

Does the institution use Light Emitting Diode (LED) technology in at least one lighting application? LED applications in exit signs and remote controls do not count for this credit. :

Yes

A brief description of the technology used :

We recently replaced approximately 400 high wattage (175 watt) metal halide fixture campus street lights with low wattage (52 watt) sylvania LED fixtures.

The percentage of building space with LED lighting :

The percentage of parking deck space with LED lighting :

The percentage of outdoor space that uses LED lighting :

The percentage of building space with efficient, non-LED lighting (compact fluorescent, automatic daylight shutoff, or other energy-saving features) :

The website URL where information about the institution's use of the technology is available :

Vending Machine Sensors

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

"---" indicates that no data was submitted for this field

Has the institution installed vending machine motion sensors for at least one vending machine? :

No

A brief description of the technology used :

The percentage of vending machines with sensors :

The website URL where information about the institution's use of the technology is available :

Energy Management System

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

"---" indicates that no data was submitted for this field

Does the institution use a centralized energy management system that allows it to track energy consumption and performance in multiple buildings in a central location? :

Yes

A brief description of the management system :

The Facilities Department operates a centralized Johnson Controls monitoring system that monitors the operations of our building heating/cooling systems, as well as tracks energy consumption in buildings that have network addressable meters. The University is currently in the midst of a large energy metering project to install network addressable energy meters (electric, chilled water BTU, heating water BTU, natural gas and water) in all of our campus buildings.

The percentage of building space monitored with a centralized energy management system :

A description of what systems are shut down during unoccupied periods :

The website URL where information about the institution's use of the technology is available :

Energy Metering

Responsible Party

Ed Barry
Director, Utility Operations
Utility Operations

"---" indicates that no data was submitted for this field

Does the institution meter all energy consumption (electricity, natural gas, purchased steam, etc.) for at least one building? :

Yes

A brief description of the metering system :

We meter all energy streams in the Stephen F. and Camilla M. BRAUER Engineering HALL (Electric, chilled water BTUs, heating hot water BTUs, natural gas, and water).

The percentage of building space with energy metering :

The website URL where information about the metering system is available :

Grounds

This subcategory seeks to recognize institutions that plan and maintain their grounds with sustainability in mind. Beautiful and welcoming campus grounds can be planned, planted, and maintained in any region while minimizing the use of toxic chemicals, protecting wildlife habitat, and conserving water and resources.

Credit
Integrated Pest Management
Native Plants
Wildlife Habitat
Tree Campus USA
Snow and Ice Removal
Landscape Waste Composting

Integrated Pest Management

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

Criteria

Institution's grounds are developed and maintained in accordance with an integrated pest management plan that adheres to the following four-tiered approach:

- 1) Set action thresholds
 - 2) Monitor and identify pests
 - 3) Prevention
 - 4) Control
-

Submission Note:

Although the WUSTL's IPM plan covers the entire area of our campuses (both Danforth and Medical School), the acreage presented above is indicative of only those areas of our Danforth campus covered in vegetation. Given the building density of our Medical School campus, the area covered in vegetation here represents a very small percentage of the space, and thus we have not included it in this calculation.

"---" indicates that no data was submitted for this field

The size of the campus grounds :

80 Acres

The size of campus grounds that are maintained in accordance with a four-tiered IPM plan :

80 Acres

A brief description of the IPM plan(s) :

Our University Grounds Manager/horticulturalist works closely with the University's landscaping maintenance contractor to continually monitor the grounds to anticipate and prevent insect and disease-related issues. Any pesticides necessary are specific to the target and used minimally.

The website URL where information about the IPM plan(s) is available :

STARS Reporting Tool | AASHE | Sierra Magazine

Native Plants

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Does the institution prioritize the use of native plant species in landscaping? :

Yes

A brief description of the native plant program, policy, or practice :

As landscapes are renovated on the campus, University policy encourages the use of native plants, where possible, in replacing non-native species.

The website URL where information about the program, policy, or practice is available :

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Does the institution have programs in place to protect and/or create wildlife habitat on institution-owned land? :

Yes

A brief description of the wildlife habitat program, policy, or practice :

Our Grounds Manager provides our campus with an increasing number of mature trees and shrubs in which our native suburban wildlife can nest and feed.

The University also maintains a 2,000 acre research facility outside of campus which is primarily preserved land, providing native habitat for many species of wildlife.

The website URL where information about the program, policy, or practice is available :

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Is the institution recognized by the Arbor Day Foundation's Tree Campus USA program? :

Yes

A brief description of the institution's Tree Campus USA program :

The Arbor Day Foundation stipulates five core standards of tree care and community engagement in order to receive Tree Campus USA status:

- * establish a campus tree advisory committee;
- * evidence of a campus tree-care plan;
- * verification of dedicated annual expenditures on the campus tree-care plan;
- * involvement in an Arbor Day observance; and
- * the institution of a service-learning project aimed at engaging the student body.

Having met these requirements, WUSTL's Danforth campus has received the honor of designation as a Tree Campus USA.

Note: The Danforth Campus tree advisory committee includes four members of WUSTL's Department of Biology in Arts & Sciences and members of local communities, including the City of St. Louis, Clayton and University City. All three of these cities have been awarded a Tree City USA designation by the Arbor Day Foundation as well.

The website URL where information about the program, policy, or practice is available :

<http://magazine.wustl.edu/2011/april/Pages/TreeCampusUSA.aspx>

Snow and Ice Removal

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Has the institution implemented technologies or strategies to reduce the environmental impacts of snow and ice removal? :

Yes

A brief description of the snow and ice removal program, policy, or practice :

In the winter months the University is careful to use magnesium chloride in place of typical rock salt in de-icing our walkways. The magnesium chloride is less abrasive to the concrete and has less impact on the surrounding landscape and turf areas.

The website URL where information about the program, policy, or practice is available :

Landscape Waste Composting

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Does the institution compost or mulch waste from grounds keeping, including grass trimmings? :

Yes

A brief description of the composting or mulching program :

The University landscaping and tree-service contractors recycles 100% of our landscape/lawn-generated trimmings and clippings and mature tree pruning and removals. All mulch used in the landscape is from recycled sources.

The percentage of landscape waste that is mulched or composted onsite :

The percentage of landscape waste that is mulched or composted off-site :

The website URL where information about the program, policy, or practice is available :

Purchasing

This subcategory seeks to recognize institutions that are using their purchasing power to help build a sustainable economy. Collectively, colleges and universities spend many billions of dollars on goods and services annually. Each purchasing decision represents an opportunity for institutions to choose environmentally and socially preferable products and services and support companies with strong commitments to sustainability.

Credit
Computer Purchasing
Cleaning Products Purchasing
Office Paper Purchasing
Vendor Code of Conduct
Historically Underutilized Businesses
Local Businesses

Computer Purchasing

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Electronic Product Environmental Assessment Tool (EPEAT) Silver or higher products. This can take the form of purchasing policies, guidelines, or directives. This credit does not include specialized computers for which no EPEAT certified products are available. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases Electronic Product Environmental Assessment Tool (EPEAT) Silver and/or Gold registered products for standard desktop and notebook/laptop computers and monitors. This credit does not include specialized computers for which no EPEAT certified products are available.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase EPEAT Silver or higher computers and monitors? :

Yes

The website URL where the EPEAT policy, directive, or guidelines are posted :

<http://purchasing.wustl.edu/purchasing/purchasing.nsf/dd5cab6801f1723585256474005327c8/2e65f472fa839a21862575530077fe52?OpenDocument>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

Our Resource Management department educates staff on benefits of EPEAT computers through their sustainability URL noted above.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on EPEAT computers)? :

Yes

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

7649463 *US/Canadian \$*

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

179979 *US/Canadian \$*

Total expenditures on desktop and laptop computers and monitors :

13473111 *US/Canadian \$*

Cleaning Products Purchasing

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Green Seal™ or EcoLogo™ certified cleaning products. The stated preference can take the form of purchasing policies, guidelines, or directives to purchase green cleaning products. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution's main cleaning or housekeeping department(s) and/or contractor(s) purchase Green Seal or EcoLogo certified cleaning products. This credit does not include cleaning products for which no Green Seal or EcoLogo certified products are available.

Submission Note:

The numbers provided reflect expenditures for 2010.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase Green Seal (tm) or EcoLogo (tm) certified cleaning products? :

Yes

The website URL where the green cleaning product purchasing policy, directive, or guidelines are posted :

<http://purchasing.wustl.edu/purchasing/purchasing.nsf/dd5cab6801f1723585256474005327c8/2e65f472fa839a21862575530077fe52?OpenDocument>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

Janitorial staff, whether in-house or outsourced, are instructed to use Green Cleaning Products whenever possible, so long as it is determined that the desired cleaning result can be achieved.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on cleaning products)? :

Yes

Expenditures on Green Seal and/or EcoLogo certified cleaning products :

127942 *US/Canadian \$*

Total expenditures on cleaning products :

236799 *US/Canadian \$*

A copy of the sections of the cleaning contract(s) that reference certified green products :

Office Paper Purchasing

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

Criteria

Part 1

Institution has an institution-wide stated preference to purchase recycled content office paper. This can take the form of purchasing policies, guidelines, or directives to purchase recycled content office paper. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases recycled content office paper.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase recycled content office paper? :

Yes

The URL where the recycled paper policy, directive, or guidelines are posted :

<http://purchasing.wustl.edu/purchasing/purchasing.nsf/23e5e39594c064ee852564ae004fa010/2e65f472fa839a21862575530077fe52?OpenDocument>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

Our Automatic Green office supply process substitutes recycled content office paper for all departmental orders, unless the department in question chooses to opt out of the program.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on recycled paper)? :

Yes

Expenditures on 10-29 percent recycled-content office paper :

1500 US/Canadian \$

Expenditures on 30-49 percent recycled-content office paper :

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

640730 *US/Canadian \$*

Expenditures on 50-69 percent recycled-content office paper :

4420 *US/Canadian \$*

Expenditures on 70-89 percent recycled-content office paper (required if claiming points for Part 2) :

890 *US/Canadian \$*

Expenditures on 90-100 percent recycled-content office paper :

26200 *US/Canadian \$*

Total expenditures on office paper :

924000 *US/Canadian \$*

Vendor Code of Conduct

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

Criteria

Institution has and acts on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business. Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

"---" indicates that no data was submitted for this field

Does the institution have and act on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business? :

Yes

The website URL where the vendor code of conduct or equivalent policy is posted :

<http://purchasing.wustl.edu/purchasing/purchasing.nsf/dd5cab6801f1723585256474005327c8/2e65f472fa839a21862575530077fe52?OpenDocument>

A copy of the vendor code of conduct or equivalent policy :

A brief description of programs and strategies institution has implemented to ensure the code is followed, including a brief description of instances when vendor code of conduct has changed purchasing behavior within the last five years, if applicable :

1. For staples orders a \$25 minimum order quantity was implemented within the last 12 months as a result of WUSTL's policy to minimize deliveries.
2. Reusable totes rather than corrugated boxes are used by PSS.
3. Automatic substitution of Office products with recycled content in lieu of products without recycled.

Historically Underutilized Businesses

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

"---" indicates that no data was submitted for this field

Does the institution seek to support historically underutilized businesses, minority-owned businesses, and women owned-businesses? :

Yes

A brief description of how the institution meets the criteria :

The University has a Supplier Diversity Program that provides business opportunities to an array of underutilized businesses including Minority and Woman Owned businesses.

The website URL where information about the program, policy, or practice is available :

<http://www.supplierdiversity.wustl.edu/>

Local Businesses

Responsible Party

Christopher Doyle

Senior Contract Management Liaison
Resource Management

"---" indicates that no data was submitted for this field

Does the institution give preference to local products and businesses in its purchasing decisions? Local food purchases, which are covered in OP Credit 6: Food Purchasing, are not included in this credit. :

Yes

A brief description of the program :

The University emphasizes the value of buying locally in our Environmentally Preferred Purchasing Guidelines.

The website URL where information about the program, policy, or practice is available :

<http://purchasing.wustl.edu/purchasing/purchasing.nsf/dd5cab6801f1723585256474005327c8/7c29bacc41859b438625761900678f42?OpenDocument>

Transportation

This subcategory seeks to recognize institutions that are moving toward sustainable transportation systems. Transportation is a major source of greenhouse gas emissions and other pollutants that contribute to health problems such as heart and respiratory diseases and cancer. Due to disproportionate exposure, these health impacts are frequently more pronounced in low-income communities next to major transportation corridors. In addition, the extraction, production, and global distribution of fuels for transportation can damage environmentally and/or culturally significant ecosystems and may financially benefit hostile and/or oppressive governments.

At the same time, campuses can reap benefits from modeling sustainable transportation systems. Bicycling and walking provide human health benefits and mitigate the need for large areas of paved surface, which can help campuses to better manage storm water. Institutions may realize cost savings and help support local economies by reducing their dependency on petroleum-based fuels for transportation.

Credit
Campus Fleet
Student Commute Modal Split
Employee Commute Modal Split
Bicycle Sharing
Facilities for Bicyclists
Bicycle and Pedestrian Plan
Mass Transit Programs
Condensed Work Week
Telecommuting
Carpool/Vanpool Matching
Cash-out of Parking
Carpool Discount
Local Housing
Prohibiting Idling
Car Sharing

Responsible Party

Nicholas Stoff

Director, Parking and Transportation
Parking

Criteria

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet (cars, trucks, tractors, buses) vehicles that are:

1. Gasoline-electric hybrid
2. Diesel-electric hybrid
3. Plug-in hybrid
4. 100 percent electric
5. Fueled with Compressed Natural Gas (CNG)
6. Hydrogen fueled
7. Fueled with B20 or higher biofuel for more than 6 months of the year; and/or
8. Fueled with E85 or higher ethanol for more than 6 months of the year.

For this credit, the institution's motorized fleet includes all institution-owned and operated vehicles that are used for transporting people and/or goods. Heavy construction equipment (e.g. excavators and pavers) and maintenance equipment (e.g. lawn-mowers and leaf blowers) are not included in this credit.

"---" indicates that no data was submitted for this field

Gasoline-electric, non-plug-in hybrid vehicles in the institution's fleet :

4

Diesel-electric, non-plug-in hybrid vehicles in the institution's fleet :

0

Plug-in hybrid vehicles in the institution's fleet :

0

100 percent electric vehicles in the institution's fleet :

1

Vehicles in the institution's fleet that are fueled with Compressed Natural Gas (CNG) :

0

Hydrogen fueled vehicles in the institution's fleet :

0

Vehicles in the institution's fleet that are fueled with B20 or higher biofuel for more than 6 months of the year :

1

Vehicles in the institution's fleet that are fueled with E85 or higher ethanol for more than 6 months of the year :

0

Total number of vehicles in the institution's fleet, including all of the above :

191

Student Commute Modal Split

Responsible Party

Nicholas Stoff

Director, Parking and Transportation
Parking

Criteria

Institution's students commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Students who live on campus should be included in the calculation based on how they get to and from their classes.

Submission Note:

The percentages indicated above are based upon the number of parking passes and subsidized public transportation passes requested/distributed throughout the year.

Alternative option-specific details are as follows:

Non-motorized Transport: Numbers are based upon the difference following calculations regarding public and private transport.

Car/van pool: The percentage indicated is based on the number of carpool program student members on the Medical School Campus. The Danforth campus does not currently have a van or carpool system in place for students. Options are being explored to expand the Bearly Drivers/Ridefinders services in use by University employees.

Public Transportation: The percentage indicated is based on the number of Metro Passes requested/distributed. Although we have no system in place as of yet to determine how many of these passes are relied upon as a primary means of transport, we assume that they are used on a frequent basis and know that many do rely on St. Louis Metro for their daily commuting needs between campuses and around the city

Drive alone: The percentage indicated is based on the number of Parking Passes requested/distributed. Although we have no system in place as of yet to determine how many of these passes are relied upon as a primary means of transport (and how many of these students also request a Metro pass, we assume that those with a car on campus will use it frequently.

"---" indicates that no data was submitted for this field

The percentage (0-100) of institution's students who use more sustainable commuting options :

77

The percentage (0-100) of institution's students who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

23

The percentage (0-100) of institution's students who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

29

The percentage (0-100) of institution's students who vanpool or carpool as their primary method of transportation :

1

The percentage (0-100) of institution's students who take a campus shuttle or public transportation as their primary method of transportation :

46

The percentage (0-100) of institution's students who use a motorcycle, scooter or moped as their primary method of transportation :

1

The website URL where information about alternative transportation is available :

<http://www.parking.wustl.edu/>

Employee Commute Modal Split

Responsible Party

Nicholas Stoff

Director, Parking and Transportation

Parking

Criteria

Institution's employees (faculty, staff, and administrators) commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Employees who live on campus should be included in the calculation based on how they get to and from their workplace.

Submission Note:

The percentages indicated above are based upon the number of parking passes and subsidized public transportation passes for employees requested/ distributed throughout the year.

Alternative option-specific details are as follows:

Non-motorized Transport: Numbers are based upon the difference following calculations regarding public and private transport.

Car/van pool: The percentage indicated is based on the number of carpool program members among WUSTL employees on both the Danforth and Medical School campuses.

Public Transportation: The percentage indicated is based on the number of Metro Passes requested/distributed to employees. Although we have no system in place as of yet to determine how many of these passes are relied upon as a primary means of transport, we assume that they are used on a frequent basis and know that many do rely on St. Louis Metro for their daily commuting needs between campuses and around the city.

Drive alone: The percentage indicated is based on the number of Parking Passes requested/distributed. Although we have no system in place as of yet to determine how many of these passes are relied upon as a primary means of transport (and how many of these employees also request a Metro pass, we assume that those employees requesting a parking pass will be using their personal vehicle as a primary means of transport.

"---" indicates that no data was submitted for this field

The percentage (0-100) of institution's employees that use more sustainable commuting options :

46

The percentage (0-100) of institution's employees who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

54

The percentage (0-100) of institution's employees who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

2

The percentage (0-100) of institution's employees who vanpool or carpool as their primary method of transportation :

4

The percentage (0-100) of institution's employees who take a campus shuttle or public transportation as their primary method of transportation :

40

The percentage (0-100) of institution's employees who use a motorcycle, scooter, or moped as their primary method of transportation :

The website URL where information about alternative transportation is available :

<http://www.parking.wustl.edu/>

Bicycle Sharing

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a bicycle-sharing program or participate in a local bicycle-sharing program? :

No

A brief description of the program, including an indication of its scope (e.g., the number of bicycles the program makes available, participation levels, etc.) :

The website URL where information about the program, policy, or practice is available :

Facilities for Bicyclists

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Submission Note:

Although the University does not currently have all these bicycling accommodations within a single building, the Washington University Bicycle Master Plan is currently being implemented which will include pedestrian/bicyclist segregated paths on the campus, bicycle parking nodes, shower facilities, and other features. (Please see "Tier 2-3: Bicycle Plan" for more information.)

"---" indicates that no data was submitted for this field

Does the institution have indoor and secure bike storage, shower facilities, and lockers for bicycle commuters in at least one building? :

No

A brief description of the facilities :

Although the University does not currently have all these bicycling accommodations within a single building, the Washington University Bicycle Master Plan is currently being implemented which includes pedestrian/bicyclist segregated paths on the campus, bicycle parking nodes, shower facilities, and other features throughout the campus. (Please see "Tier 2-3: Bicycle Plan" for more information.)

The website URL where information about the program, policy, or practice is available :

Bicycle and Pedestrian Plan

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Has the institution developed a bicycle plan? :

Yes

A brief description of the plan :

The University has completed the WUSTL Bicycle Master Plan, the objective of which is two-fold. First and foremost, the plan was developed in an effort to support our community through the encouragement of bicycling as a safe and sustainable means of alternative transportation for our commuters. There are multiple regional bike ways/organizations throughout our community and the University is committed to supporting and coordinating with them in their regional planning. The bicycle master planning effort was also conducted with the intention of integrating bicycle design into the Danforth campus master planning efforts. The aim is to preserve the campus for pedestrians and to provide clear paths for cyclists through the segregation of the two. In order to further promote cycling, the master plan includes the development of 'nodes' around the campus that will provide safe and secure parking in close proximity to shower facilities. A substantive portion of the this plan has already been implemented, integrating a major regional bike way with the Danforth campus. Additional work on campus perimeter routes will continue into next year.

The website URL where information about the plan is available :

Mass Transit Programs

Responsible Party

Nicholas Stoff

Director, Parking and Transportation

Parking

"---" indicates that no data was submitted for this field

Does the institution offer free or reduced price transit passes and/or operate a free campus shuttle? :

Yes

A brief description of the program(s), (s), including availability, participation levels, and specifics about discounts or subsidies offered (including pre-tax options) :

For full-time students, benefits-eligible faculty and staff, and full-time employees of qualified vendors, the University's fully subsidized Metro pass allows recipients to make use of three Metro routes designed specifically for our various campuses and community. • #1 Gold - provides service connecting the Medical School with the Danforth Campus. This route also serves downtown Clayton and various shopping plazas. • #2 Red - has stops near the South 40 residential halls and provides service to neighborhoods south of campus and nearby grocery and retail stores. This route also connects WU's North Campus facility with the Mallinckrodt Center on the Danforth Campus. • Green Line - connects the Danforth Campus with the 560 Building, University City and surrounding neighborhoods that have University owned apartment buildings. The University also provides a "Danforth Campus/South 40 Circulator"; that provides shuttle services from the MetroLink stations at Skinker and Forest Park Parkway and Big Bend and Forest Park Parkway to various locations around the Danforth Campus and the South 40. A "Safe Ride Home" program has also been instated, allowing for door-to-door service for those students who choose to take advantage of it after dark.

The website URL where information about the program is available :

<http://www.parking.wustl.edu/>

Condensed Work Week

Responsible Party

Daniel Bentle

Communications Coordinator
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a condensed work week option for employees? The institution does not have to offer the option to all employees in order to earn this credit. :

Yes

A brief description of the program :

The University offers a four-day, forty hour work week option for specific academic departments.

The website URL where information about the program is available :

Telecommuting

"---" indicates that no data was submitted for this field

Does the institution offer a telecommute program for employees? :

No

A brief description of the program :

The website URL where information about the program is available :

Carpool/Vanpool Matching

Responsible Party

Nicholas Stoff

Director, Parking and Transportation

Parking

"---" indicates that no data was submitted for this field

Does the institution participate in a carpool/vanpool matching program? :

Yes

A brief description of the program :

The University's Bearly Drivers program offers full-time employees the opportunity to form a carpool by following a link on the Parking & Transportation Web site, parking.wustl.edu. Incentives include discounted permits and reserved car-pooling spaces.

The website URL where information about the program is available :

<https://wustl.greenride.com/>

Cash-out of Parking

"---" indicates that no data was submitted for this field

Does the institution allow commuters to cash out of parking spaces (i.e., it pays employees who do not drive to work)?

:

No

A brief description of the program :

The website URL where information about the program is available :

Carpool Discount

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer reduced parking fees for car and van poolers? :

Yes

A brief description of the program :

The University's Bearly Drivers program offers full-time employees the opportunity to form a carpool by following a link on the Parking & Transportation Web site, parking.wustl.edu. Incentives include discounted permits and reserved car-pooling spaces.

The website URL where information about the program is available :

<http://www.parking.wustl.edu/>

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have incentives or programs to encourage employees to live close to campus? :

Yes

A brief description of the incentives or programs :

Forgivable loans are offered to eligible employees seeking housing in select neighborhoods close to the campus. Employees who purchase a home as a primary residence in one of the eligible neighborhoods will receive the lesser of five percent (5%) of the home's purchase price or six thousand dollars (\$6,000) to be used for points, closing costs, or down payment assistance toward the purchase of a home. The loan is forgiven if the employee remains in the home for five years.

The website URL where information about the incentives or programs is available :

<http://eahp.wustl.edu/>

Prohibiting Idling

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Has the institution adopted a policy prohibiting idling? :

Yes

A brief description of the policy :

Washington University in St. Louis, like the State of Missouri, the City of St. Louis and St. Louis County, has limited vehicle idling on campus as of April of 2009. Motor vehicle idling endangers public health, pollutes the environment and wastes fuel and money. Children are especially sensitive to air pollution because their lungs are developing, and they breathe 50 percent more air per pound of body weight than do adults. Diesel exhaust, a likely carcinogen, damages healthy lungs and aggravates existing respiratory and heart conditions such as asthma and congestive heart failure. Asthma is the leading cause of school absenteeism in children and is associated with poor academic performance and an increased need for special education programs. Gasoline exhaust also contains compounds that aggravate existing heart conditions

The website URL where information about the policy is available :

Car Sharing

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution participate in a car sharing program, such as ZipCar or HourCar? :

Yes

A brief description of the program :

The University Partners with Enterprise Rent-A-Car© to provide the WeCar™, a car-sharing program service to our campus community. Through the We-Car program, students, faculty, and staff may rent vehicles at an hourly rate from a number of convenient locations on campus. The vehicles are available 24 hours a day, seven days a week and can be reserved online within minutes of need.

The website URL where information about the program, policy, or practice is available :

http://www.wecar.com/content/car-sharing/en_US/join-wecar/program-details-washu-students.html

Waste

This subcategory seeks to recognize institutions that are moving toward zero waste by reducing, reusing, recycling, and composting. These actions mitigate the need to extract virgin materials, such as trees and metals. It generally takes less energy and water to make a product with recycled material than with virgin resources. Reducing waste generation also reduces the flow of waste to incinerators and landfills which produce greenhouse gas emissions, can contaminate air and groundwater supplies, and tend to have disproportionate negative impacts on low-income communities. Waste reduction and diversion also save institutions costly landfill and hauling service fees. In addition, waste reduction campaigns can engage the entire campus community in contributing to a tangible sustainability goal.

Credit
Waste Reduction
Waste Diversion
Construction and Demolition Waste Diversion
Electronic Waste Recycling Program
Hazardous Waste Management
Materials Exchange
Limiting Printing
Materials Online
Chemical Reuse Inventory
Move-In Waste Reduction
Move-Out Waste Reduction

Waste Reduction

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

Institution has implemented source reduction strategies to reduce total waste generation (garbage, recycling, and compost) per weighted campus user compared to a 2005 baseline.

Total waste generation includes all materials recycled, composted, and disposed of as trash except construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

"---" indicates that no data was submitted for this field

Weight of materials recycled, 2005 baseline year :

421 Tons

Weight of materials composted, 2005 baseline year :

0 Tons

Weight of materials disposed as garbage, 2005 baseline year :

4797.50 Tons

Weight of materials recycled, performance year :

1278.90 Tons

Weight of materials composted, performance year :

0 Tons

Weight of materials disposed as garbage, performance year :

4724.80 Tons

List the start and end dates of the waste reduction performance year :

7/1/2004-6/31/2005

On-campus residents, 2005 :

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

4013

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

16848

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

5142

On-campus residents, performance year :

4503

Non-residential/commuter full-time students, faculty, and staff members, performance year :

18017

Non-residential/commuter part-time students, faculty, and staff members, performance year :

4449

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with waste reduction performance year) :

7/1/2009-6/31/2010

Indication of whether institution has a stated commitment to waste-reduction goals, such as zero waste :

A brief description of the plan of action to achieve waste reduction goals :

The website URL where information about the institution's waste reduction initiatives is available :

Waste Diversion

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

Institution diverts materials from the landfill or incinerator by recycling, composting, reusing, donating, or re-selling.

This credit does not include construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

"---" indicates that no data was submitted for this field

Materials recycled, composted, reused, donated, re-sold, or otherwise diverted :

1479.31 Tons

Materials disposed in a solid waste landfill or incinerator :

4724.80 Tons

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate :

WUSTL operates numerous programs for recycling, reuse, and donation. The Office of Sustainability and Environmental Health and Safety are supported by Facilities Planning and Management, Residential Life, Dining Services, and numerous other departments and student groups who are heavily involved in a growing infrastructure aimed at reducing waste and reusing, recycling, or otherwise diverting goods wherever possible. A high-level overview of our programs can be found at

<http://www.wustl.edu/initiatives/sustain/recycling.html>

Construction and Demolition Waste Diversion

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

Institution diverts non-hazardous construction and demolition waste from the landfill and/or incinerator.

Soil and organic debris from excavating or clearing the site do not count for this credit.

Submission Note:

At the time of this submission, we did not have accurate monthly reporting data for the recently completed and LEED Gold certified BJC Institute of Health on WUSTL's Medical School campus. Thus, we were not reasonably certain how much of the projects construction occurred within calendar year 2010 and so have included the comprehensive waste totals within our calculations.

"---" indicates that no data was submitted for this field

Amount of construction and demolition materials recycled, donated, or otherwise recovered :

189530 Tons

Amount of construction and demolition materials landfilled or incinerated :

4025 Tons

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contribute to the diversion rate for construction and demolition waste :

As set forth in the Strategic Plan for Environmentally Sustainable Operations, Washington University has committed to achieving standards in new construction and major renovations equivalent to, or exceeding, LEED Silver. As such, all vendors working on these projects are required to track, and responsibly dispose of, construction and demolition waste per the LEED certification level for which the project is striving.

At present, however, we do not have the contractual infrastructure in place to track construction and demolition waste outside of projects on our campuses that are pursuing, or have achieved, LEED certification. LEED projects represent all major construction and demolition at WUSTL (projects exceeding \$2.0M in scope), and thus are a good approximation, but are by no means a comprehensive representation. The challenge of implementing a comprehensive tracking system within this area is currently being explored.

Electronic Waste Recycling Program

Responsible Party

Donna Hall

Environmental Compliance Manager
Environmental Health and Safety

Criteria

Part 1

Institution has a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution. Institution takes measures to ensure that the electronic waste is recycled responsibly.

Part 2

Institution has a program in place to recycle, reuse, and/or refurbish electronic waste generated by students. Institution takes measures to ensure that the electronic waste is recycled responsibly.

"---" indicates that no data was submitted for this field

Does the institution have a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution and take measures to ensure that the electronic waste is recycled responsibly? :

Yes

Does the institution have a program in place to recycle, reuse, and/or refurbish electronic waste generated by students and take measures to ensure that the electronic waste is recycled responsibly? :

Yes

A brief description of steps taken to ensure that e-waste is recycled responsibly, workers' basic safety is protected, and environmental standards are met :

See below (part 1)

A brief description of the electronic waste recycling program for institution-generated materials :

Part 1: Institutionally generated electronic items are recycled through an established program. Vendors that secure this contract must demonstrate 100% recycling and zero landfill. Qualifications must also include domestic stream destinations as well. All chosen facilities must also pass facility audits for compliance with environmental and Safety regulations. Department level donations of computers and cell phones occur regularly to support various non-profit groups.

A brief description of the electronic waste recycling program for student-generated materials :

Part 2: Students generated materials can be disposed of through the above program by utilizing Res Tech, the Residential Life computer technical support. Additionally, campus sustainable move out programs will also divert electronics from the dumpsters.

The website URL where information about the e-waste recycling program is available :

<http://ehs.wustl.edu/hmm/Pages/default.aspx>

Hazardous Waste Management

Responsible Party

Donna Hall

Environmental Compliance Manager
Environmental Health and Safety

Criteria

Institution has strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seeks to minimize the presence of these materials on campus.

Submission Note:

Whenever possible waste streams are recycled or used for fuel. Examples include equipment, lamp, battery, oil and metals recycling, as well as solvent fuels blending.

"---" indicates that no data was submitted for this field

Does the institution have strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seek to minimize the presence of these materials on campus? :

Yes

A brief description of steps taken to reduce hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste :

Reduction: Environmental Health & Safety works closely with University departments to keep regulated waste generation limited. This may be accomplished through review of the chemical agents employed and recommendations for safer, less hazardous alternatives to inventory reductions to reduce the volume of excess or expired chemicals. Departments are also encouraged to offer surplus chemicals for redistribution to other labs.

A brief description of how the institution safely disposes of hazardous, universal, and non-regulated chemical waste :

Disposal: The Institution has a disposal/recycling program for all hazardous, Universal and other regulated materials. All selected vendors must meet strict requirements for best management practices and regulatory compliance. Additionally, vendors are asked to submit information related to their companies sustainability practices. All responsible for this area are training in the handling and management of regulated waste. Chemical inventory and request for disposal databases are managed through EH&S.

The website URL where information about hazardous materials management is available :

<http://ehs.wustl.edu/hmm/Pages/default.aspx>

Materials Exchange

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a surplus department or formal office supplies exchange program that facilitates reuse of materials? :

Yes

A brief description of the program :

Through our purchasing website, departments across campus can post unwanted reusable office supplies and furniture for internal donation/purchase online. This site is currently being redesigned to better service the University through ease of use.

<http://purchasing.wustl.edu/purchasing/purchasing.nsf/dd5cab6801f1723585256474005327c8/2a9fd564>

[cbf9986a862568cb00551078?OpenDocument](http://purchasing.wustl.edu/purchasing/purchasing.nsf/dd5cab6801f1723585256474005327c8/2a9fd564?OpenDocument)

The website URL where information about the program is available :

Limiting Printing

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution limit free printing for students in all computer labs and libraries? :

Yes

A brief description of how printing is limited :

Students receive a limited printing quota each semester for printing on-campus in academic labs as well as in residential areas. From July 2011 to May 2012, printing is down 49% at all the on-campus residential computer labs.

The website URL where information about the program, policy, or practice is available :

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Is the institution's default not to print course catalogs, course schedules, and directories, but instead make these materials available online? :

No

A brief description of the practice :

The website URL where information about the practice is available :

Chemical Reuse Inventory

Responsible Party

Donna Hall

Environmental Compliance Manager
Environmental Health and Safety

"---" indicates that no data was submitted for this field

Has the institution implemented a campus-wide inventory system to facilitate the reuse of laboratory chemicals? :

No

A brief description of the program :

While the University does not have an established, campus-wide chemical reuse program, the Institution does have a chemical inventory system.

With this support, departments are encouraged to redistribute surplus chemicals internally prior to requesting disposal of the excess items.

The website URL where information about the practice is available :

<http://ehs.wustl.edu/hmm/Pages/default.aspx>.

Move-In Waste Reduction

Responsible Party

Curt Harres
Housekeeping Manager
Residential Life

"---" indicates that no data was submitted for this field

Does the institution have a program to reduce residence hall move-in waste? :

Yes

A brief description of the program :

During campus move-in our Office of Residential Life takes care to post signage and provide materials to students detailing our waste reduction procedures for cardboard and other packing materials. Recycling collection is increased and additional bins are provided at strategic locations to mitigate the excess waste

The website URL where information about the program is available :

Move-Out Waste Reduction

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a program to reduce residence hall move-out waste? :

Yes

A brief description of the program :

Share Our Stuff (S.O.S.) is the University's annual event to protect the environment and support those in need in our community by donating the unwanted goods discarded during campus move out. This university-wide collaborative is designed to make it quick and easy for all students to recycle their unwanted items in a location convenient to them whether on or off-campus.

Every year, the Office of Sustainability partners with Residential Life, our housing subsidiary in Quadrangle Management Co., Community and Government Relations, and various student groups to collect, recycle, and donate these goods to those in need within our community. Proceeds go to support local charities.

The website URL where information about the program is available :

<http://sustain.wustl.edu/>

Water

This subcategory seeks to recognize institutions that are conserving water and making efforts to protect water quality. Pumping, delivering, and treating water is a major energy user, so institutions can help reduce energy consumption and the greenhouse gas emissions associated with energy generation by conserving water. Likewise, conservation and effective stormwater management are important in maintaining and protecting finite groundwater supplies. Water conservation and effective stormwater management also reduce the need for effluent discharge into local surface water supplies, which helps improve the health of local water ecosystems.

Credit
Water Consumption
Stormwater Management
Waterless Urinals
Building Water Metering
Non-Potable Water Usage
Xeriscaping
Weather-Informed Irrigation

Water Consumption

Criteria

Institution has reduced its total water consumption per weighted campus user compared to a 2005 baseline.

Total water consumption includes both potable and non-potable water.

"---" indicates that no data was submitted for this field

Water consumption, 2005 baseline year :

Water consumption, performance year :

List the start and end dates of the water consumption performance year :

On-campus residents, 2005 :

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

On-campus residents, performance year :

Non-residential/commuter full-time students, faculty, and staff members, performance year :

Non-residential/commuter part-time students, faculty, and staff members, performance year :

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with water consumption performance year) :

Indication of whether institution has a stated commitment to water use reduction goals :

A brief description of the plan of action to achieve water use reduction goals :

The website URL where information about the institution's water conservation initiatives is available :

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

Criteria

Part 1

Institution has adopted a stormwater management policy, plan, and/or strategies that mitigate the stormwater runoff impacts of new construction, major renovation, and other projects that increase paved surface area on campus or otherwise significantly change the campus grounds.

The policy, plan, and/or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

The policy, plan, and/or strategies cover the entire campus. While the specific strategies or practices adopted may vary depending on project type and location, this credit is reserved for institutions that mitigate stormwater runoff impacts consistently during new construction. Implementing a strategy or strategies for only one new development project is not sufficient for this credit.

Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution has adopted a stormwater management policy, plan, or strategies that mitigate the stormwater runoff impacts of ongoing campus operations.

The policy, plan, or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

Though specific practices adopted may vary across the campus, the policy, plan, and/or strategies cover the entire institution. Implementing strategies for only one building or area of campus is not sufficient for this credit.

Submission Note:

Because the Metropolitan Sewer District of St. Louis does not maintain separate lines for storm and sanitary sewer water, all discharge from the campus runs into a combined sewer which thus renders quality concerns irrelevant.

During construction quality is, however, water quality is maintained through the Stormwater Pollution Prevention Plans which are submitted and approved by the local MSD.

"---" indicates that no data was submitted for this field

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from new development

projects? :

Yes

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from ongoing campus operations? :

Yes

A brief description of the institution's stormwater management initiatives :

In conjunction with new construction, separate lines are established for sanitary and storm water management and Stormwater Pollution Prevention Plans are put in place.

A report was also prepared and submitted to MSD, stating our overall plans for mitigating storm water runoff on our main campus. The plan will require storm water detention for any levels over and above current discharge.

Specifically, In conjunction with recent building projects, we have installed a number of rain gardens to assist in reducing runoff.

The website URL where information about the institution's stormwater management initiatives, plan or policy is available :

Does the institution have a living or vegetated roof? :

Yes

A brief description of the institution's living or vegetated roof :

Our recently completed South 40 house, contains a living roof built above our dining services receiving area.

Does the institution have porous paving? :

Yes

A brief description of the institution's porous paving :

Our Facilities' department has installed permeable pavers in a number of locations across the main campus in addition to those installed in conjunction with new construction projects.

Does the institution have retention ponds? :

Yes

A brief description of the institution's retention ponds :

Our recent on campus, undergraduate residential housing area additions have seen the completion of a retention pond. This was completed in conjunction with our multiple-building submission for the South 40 House, Umrath House, and Eliot B Hall.

Does the institution have stone swales? :

No

A brief description of the institution's stone swales :

Does the institution have vegetated swales? :

Yes

A brief description of the institution's vegetated swales :

The two rain gardens we maintain in our residential life area are nestled in amongst vegetated swales.

Does the institution employ any other technologies or strategies for stormwater management? :

Yes

A brief description of other technologies or strategies for stormwater management employed :

Beneath the LEED Gold certified Danforth University Center (completed in 2008) a 50,000 gallon storm water collection tank was installed to collect storm water runoff for irrigation purposes.

For the recently completed Brauer Engineering Hall, A 100 year old, abandoned storm sewer was also discovered and redeveloped to retain storm water.

Waterless Urinals

"---" indicates that no data was submitted for this field

Does the institution use at least one waterless urinal? :

No

A brief description of the technology employed :

The website URL where information about the technology is available :

Building Water Metering

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager

Facilities Planning and Management

"---" indicates that no data was submitted for this field

Does the institution have building-level water consumption meters for at least one building? :

Yes

A brief description of the water metering employed :

Multiple buildings on campus contain building-level water consumption metering enabling building-specific data.

The percentage of building space with water metering :

The website URL where information about the practice is available :

Non-Potable Water Usage

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Does the institution use non-potable water (e.g., harvested rainwater or graywater) for irrigation and/or other applications? :

Yes

A brief description of the source of non-potable water and how it is used :

Sources include a rainwater collection tank and the preparation of a storm water retention sewer for use in Summer 2011. Much of the water collected is used in campus irrigation.

The University also maintains a graywater system at our Tyson Living Learning Center as well.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

The percentage of building space using water from recovered, reclaimed or untreated sources :

The percentage of water used in utility plants from recovered, reclaimed or untreated sources :

The website URL where information about the program, policy, or practice is available :

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager

Facilities Planning and Management

"--- " indicates that no data was submitted for this field

Does the institution use xeriscape landscaping techniques, including the selection of drought tolerant plants? :

Yes

A brief description of the program or practice :

The increased use of drought-tolerant native plants significantly reduces the need for additional watering during dry conditions.

The website URL where information about the program or practice is available :

Weather-Informed Irrigation

Responsible Party

Kent Theiling

Grounds & Landscape Design Manager
Facilities Planning and Management

"---" indicates that no data was submitted for this field

Does the institution use weather data or weather sensors to automatically adjust irrigation practices? :

Yes

A brief description of how weather data or sensors are used :

The new irrigation system contains IMMS technology that monitors weather and adjusts the irrigation system automatically based on forecasts.

The website URL where information about the practice is available :

Planning, Administration & Engagement

Coordination and Planning

This subcategory seeks to recognize colleges and universities that are institutionalizing sustainability by dedicating resources to sustainability coordination, incorporating sustainability into their primary campus plans, and developing plans to move towards sustainability. Staff and other resources help an institution organize, implement, and publicize sustainability initiatives. These resources provide the infrastructure that fosters sustainability within an institution. Strategic and physical campus plans guide an institution and its physical development. These important documents establish an institution's priorities and influence budgeting and decision making. Incorporating sustainability into these plans is an important step in making sustainability a campus priority and may help advocates implement sustainable changes. Sustainability plans and climate plans provide a road map for how to achieve sustainability goals.

Credit
Sustainability Coordination
Strategic Plan
Physical Campus Plan
Sustainability Plan
Climate Action Plan

Sustainability Coordination

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

Institution has a sustainability committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies and programs related to sustainability on campus.

The committee, office, and/or coordinator focus on sustainability broadly (i.e. not just one sustainability issue, such as climate change) and cover the entire institution. A committee, office, or coordinator that focuses on just one department or school within the institution does not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution have a sustainability committee? :

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

The Sustainability Operations Leadership Council was tasked with developing our Strategic Plan for Sustainable Operations. The members of the group represent departments throughout the University, many of whom are still directly involved in the implementation of the plan itself.

Members of the committee, including affiliations :

The Council includes upwards of forty members. The following list represents a few of the guiding members.

Chair: Henry S. Webber, Executive Vice Chancellor for Administration

Steve Rackers, Former Director, Danforth Campus Capital Projects & Records, and Steve Sobo, Director, Medical School Design and Construction

Steve Hoffner, Assistant Vice Chancellor for Operations, Danforth Campus, and Walt Davis, Assistant Vice Chancellor/Assistant Dean for Facilities, School of Medicine

Jim Stueber, Director, Medical School Physical Plant, and Ed Barry, Danforth Campus Utilities Operations

Gregg Evans, formerly Director of Facilities Administration, School of Medicine, and Alan Kuebler, Assistant Vice Chancellor for Resource Management

Steve Hoffner, Assistant Vice Chancellor for Operations, Danforth Campus, and John Ursch, Director of Protective Services, School of Medicine

The website URL where information about the sustainability committee is available :

<http://sustain.wustl.edu/>

Does the institution have a sustainability office? :

Yes

A brief description of the sustainability office :

The Office of Sustainability serves as a clearing house for innovative ideas, and a guiding force for sustainability-related initiatives on campus. The Office currently consists of two members, who serve in coordinating campus and community outreach programs, sustainability awareness initiatives, and special projects as directed by the Associate Vice Chancellor for Operations.

The number of people employed in the sustainability office :

2.50

The website URL where information about the sustainability office is available :

<http://sustain.wustl.edu/>

Does the institution have a sustainability coordinator? :

Yes

Sustainability coordinator's name :

William Fischer

Sustainability coordinator's position title :

Sustainability Coordinator

A brief description of the sustainability coordinator's position :

The Sustainability Coordinator works to:

- Connect students with the administration through partnership on projects and enhanced communication regarding university priorities
- Direct office programs, like the sustainable labs initiative
- Coordinate communications with the campus community through social media and email to serve as a clearinghouse for sustainability at WUSTL
- Foster a community of sustainability-minded student groups through the Student Green Council and increase communication between these student groups

The website URL where information about the sustainability coordinator is available :

Strategic Plan

Criteria

Institution's current, formally adopted strategic plan or equivalent guiding document includes sustainability at a high level. The plan covers the entire institution.

An amendment to the strategic plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a physical campus plan (which is covered in *PAE Credit 3: Physical Campus Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 5: Sustainability Plan*) counts for this credit.

"---" indicates that no data was submitted for this field

Year the strategic plan or equivalent was completed or adopted :

Does the institution's strategic plan or equivalent guiding document include the environmental dimensions of sustainability at a high level? :

A brief description of how the strategic plan or amendment addresses the environmental dimensions of sustainability :

Does the institution's strategic plan or equivalent guiding document include the social dimensions of sustainability at a high level? :

A brief description of how the strategic plan or amendment addresses the social dimensions of sustainability :

Does the institution's strategic plan or equivalent guiding document include the economic dimensions of sustainability at a high level? :

A brief description of how the strategic plan or amendment addresses the economic dimensions of sustainability :

The website URL where information about the strategic plan is available :

Physical Campus Plan

Criteria

Institution's current plan for its physical campus (commonly referred to as the campus master plan) includes sustainability at a high level.

An amendment to the plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a strategic plan (which is covered in *PAE Credit 2: Strategic Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 4: Sustainability Plan*) counts for this credit.

Plans developed at the system level are eligible for this credit. Likewise, multiple plans which together cover the institution's entire physical campus are eligible for this credit.

"---" indicates that no data was submitted for this field

Does the institution's physical campus plan include sustainability at a high level? :

Yes

A brief description of how the physical campus plan or amendment includes sustainability :

The year the physical campus plan was developed or adopted :

The website URL where the physical campus plan is available :

Sustainability Plan

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

Institution has a sustainability plan that was developed with input from faculty, staff, and students. The plan includes measurable goals with corresponding strategies and timeframes to achieve the goals. The plan need not be formally adopted.

The plan covers multiple sustainability topics and issues. Plans focused exclusively on climate change, which are covered by *PAE Credit 5: Climate Plan*, are not eligible for this credit.

Strategic or master plans that cover sustainability may count for this credit if they meet the other criteria outlined above.

"---" indicates that no data was submitted for this field

Does the institution have a sustainability plan that meets the criteria for this credit? :

Yes

A brief description of how multiple stakeholder groups were involved in developing the plan :

Washington University's Strategic Plan for Environmentally Sustainable Operations was formed by our Sustainability Operations Leadership Council, a 40+ member group of stakeholders representing staff and students. Sub-committees focusing on the Plan's various sections were formed and meet on a regular basis during 12-month period spent formulating the Plan.

A brief description of the plan's measurable goals :

The overarching goal for the Plan is to reduce greenhouse gas emissions to 1990 greenhouse gas emissions level by 2020 without purchasing carbon offsets.

Other measureable goals include:

Decrease solo-occupant automobiles coming to campus by 10% by the year 2012.

Lower our landfill impact by reducing our solid waste by 20% on the Medical Campus and 35% on the Danforth Campus by 2012.

Build more sustainably by achieving standards equivalent to or exceeding LEED® Silver for all new construction and major renovations of existing buildings, and pursuing LEED Gold or Platinum when appropriate.

Develop a system for measuring and purchasing food that is produced and distributed locally, humanely, fairly and in an ecologically sound manner.

A brief description of how progress in meeting the plan's goals is measured :

Progress in these areas is measured in a number of ways according to the goal or goals in questions.

Energy monitoring and greenhouse gas emissions inventories ensure that we are on track to reduce our energy use and carbon footprint. The Office of Sustainability works with our recycling vendors (who are required by contract to quantify our waste) to measure our recycling and diversion rates, and our LEED® accredited professional consultants and staff work with the U.S. Green Building Council to ensure that our major construction and renovation projects meet LEED Silver standards or greater.

The website URL where more information about the sustainability plan is available :

<http://sustain.wustl.edu/>

The year the plan was developed or last updated :

2010

Climate Action Plan

Responsible Party

Daniel Bentle

Communications Coordinator
Office of Sustainability

Criteria

Institution has a formal plan to mitigate its greenhouse gas emissions. The plan includes a measurable, numerical goal or goals and a corresponding date or dates by which the institution aims to achieve its goal(s). The plan has been adopted by the institution's administration.

A formal sustainability plan (i.e. a plan that has been adopted by the administration) counts for this credit if it includes climate change goals, strategies, and corresponding timeframes. Such a plan may also count toward *PAE Credit 4: Sustainability Plan*.

"---" indicates that no data was submitted for this field

Does the institution have a plan to mitigate its greenhouse gas emissions that meets the criteria for this credit? :

Yes

A brief summary of the climate plan's long-term goals :

The primary purpose of our strategic plan for sustainable operations is to create an infrastructure that leads to a significant reduction of our greenhouse gas emissions. A few of the more high-level and long-term goals of the Plan include:

Reducing greenhouse gas emissions to 1990 greenhouse gas emissions levels by 2020 without purchasing carbon offsets.

Work toward a natural environment that recognizes the benefits of native plants and minimizes the need to use potable water and herbicides and pesticides on our campuses

Foster a culture of responsible use of natural resources and environmental sustainability on campus among staff, faculty and students.

Become a leader in resource conservation and support sustainable production of energy, food and materials.

A brief summary of the climate plan's short-term goals :

Some of the Plan's more immediate and on-going goals include:

Reduce our greenhouse gas emissions by decreasing solo-occupant automobiles coming to campus by 10% by the year 2012.

Reduce our impact on the food system by working with our dining service partners to develop a system for measuring and purchasing more food that is produced and distributed locally, humanely, fairly and in an ecologically sound manner.

Lower our landfill impact by reducing our solid waste by 20% on the Medical Campus and 35% on the Danforth Campus by 2012. This can be achieved by decreasing waste before its arrival on campus and through increased diversion and recycling efforts across campuses.

Reduce our greenhouse gas emissions and build more sustainably by achieving standards equivalent to or exceeding LEED Silver for all new construction and major renovations of existing buildings, and pursuing LEED Gold or Platinum when appropriate.

Involve our community of staff, students, faculty, alumni and regional contacts in our sustainable operations efforts with continuing education.

Partner with regional and national groups to expand knowledge of and access to best practices for building systems, transit and sustainable materials.

Year the climate plan was formally adopted or approved :

2010

An indication of whether institution has made a commitment to reduce GHG emissions a specific amount by a target year :

List which emissions (scope 1, 2, and/or 3) are included in its GHG emissions commitment :

The reduction level (percentage) institution has committed to :

The baseline year the institution used in its GHG emissions commitment :

The baseline emissions level institution used in its GHG emissions commitment :

The target year the institution specified in its GHG emissions commitment :

The website URL where information about the climate plan is available :

<http://sustain.wustl.edu/>

Diversity and Affordability

This subcategory seeks to recognize institutions that are working to advance diversity and affordability on campus. In order to build a sustainable society, diverse groups will need to be able to come together and work collaboratively to address sustainability challenges. People of color and low-income communities tend to suffer disproportionate exposure to environmental problems. This environmental injustice happens as a result of unequal and segregated communities. To achieve environmental and social justice, society must work to address discrimination and promote equality. The historical legacy and persistence of discrimination based on racial, gender, religious, and other differences makes a proactive approach to promoting a culture of inclusiveness an important component of creating an equitable society. Higher education opens doors to opportunities that can help create a more equitable world, and those doors must be open through affordable programs accessible to all regardless of race, gender, religion, socio-economic status and other differences. In addition, a diverse student body, faculty, and staff provide rich resources for learning and collaboration.

Credit
Diversity and Equity Coordination
Measuring Campus Diversity Culture
Support Programs for Underrepresented Groups
Support Programs for Future Faculty
Affordability and Access Programs
Gender Neutral Housing
Employee Training Opportunities
Student Training Opportunities

Diversity and Equity Coordination

Responsible Party

Michelle Milligan

Associate Provost

Office of the Provost

Criteria

Institution has a diversity and equity committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies, programs, and trainings related to diversity and equity on campus.

"---" indicates that no data was submitted for this field

Does the institution have a diversity and equity committee? :

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

Goals:

1. Increase the proportion of women and underrepresented faculty at all ranks through hiring, retention and promotion.
2. Increase the number of women and underrepresented faculty in leadership positions at WU.
3. Ensure that we continue to pay all faculty equitably. The Provost will work closely with the Senate Council to evaluate faculty pay equity on a regular basis.
4. Foster an intellectual and administrative climate where all faculty have opportunities to contribute to the direction of the University.

Specific initiatives:

- *Develop initiatives to promote faculty leadership, with an express purpose of involving women and minorities more deeply in University life.
- *Recognize women and underrepresented faculty through endowed chairs and internal awards.
- *Establish ombudspersons for both the Danforth and Medical Campuses who will provide confidential, independent, nonpolitical, and knowledgeable counsel and advocacy for faculty members.
- *Ensure accepted search procedures are followed, particularly those that encourage diversity as an important criterion in searches. This will include supporting annual workshops for search committees.
- *Develop target of opportunity recruitment policies (where they do not exist).
- *Collect and report data on the representation of women and underrepresented groups in the applicant pools, finalist pools and offers made for all faculty searches.
- *Strengthen faculty retention through mentoring and other processes.
- *Initiate third party exit interviews for faculty who leave Washington University.
- *Create standards for accountability to evaluate progress within schools, departments or divisions.

Members of the committee, including job titles and affiliations :

Adrienne Davis, Vice Provost
John Baugh, Arts & Sciences
Brian Carpenter, Arts & Sciences
Marion Crain, Law
Mary Ann Dzuback, Arts & Sciences
Diana Gray, Medicine
Debra Haire-Joshu, Social Work
Jeff Lowell, Medicine
Judi McLean Parks, Business
Jim McLeod, Administration
Leah Merrifield, Administration
Shelley Milligan, Administration
Helen Piwnica-Worms, Medicine
Carolyn Sargent, Arts & Sciences
Larry Shapiro, Medicine
Lisa Siddens, Administration
Elzbieta Sklodowska, Arts & Sciences
Denise Ward-Brown, Sam Fox School of Design & Visual Arts
Gerhild Williams, Arts & Sciences
Frank Yin, Engineering
Luis Zayas, Social Work

The website URL where information about the diversity and equity committee is available :

<http://provost.wustl.edu/diversity>

Does the institution have a diversity and equity office? :

No

A brief description of the diversity office :

The number of people employed in the diversity office :

The website URL where information about the diversity and equity office is available :

Does the institution have a diversity and equity coordinator? :

No

Diversity coordinator's name :

Diversity coordinator's position title :

A brief description of the diversity coordinator's position :

The website URL where information about the diversity and equity coordinator is available :

Measuring Campus Diversity Culture

Responsible Party

Lynn McCloskey

Assistant Provost - Analysis

Office of the Provost

Criteria

Institution assesses attitudes about diversity and equity on campus and uses the results to guide policy, programs, and initiatives.

Institution may measure its culture of diversity and equity using one assessment for the entire institution or using separate assessments that taken together cover the entire institution.

Assessments conducted during the previous five years are eligible for this credit.

Submission Note:

The above website provides a report of Faculty Survey Highlights presented to University Council , April 2008. This same website contains Gender Pay Equity reports from 2002 and 2010.

"---" indicates that no data was submitted for this field

Has the institution assessed attitudes about diversity and equity on campus in a way that meets the criteria for this credit? :

Yes

A brief description of the assessment(s) :

A faculty climate survey is conducted every 4 or 5 years, to assess all aspects of faculty worklife: satisfaction with workload and responsibilities, support for teaching and research, climate within the department or unit, consideration for child care or other personal responsibilities and sources of stress, both work-related and personal. Faculty surveys were conducted in the fall of 2006 and again in spring of 2011.

In addition to faculty climate surveys, we do annual surveys of undergraduate students and exiting doctoral students. Each of the student surveys contain questions about the climate and support for underrepresented students on campus.

Year the assessment was last administered :

2011

A brief description of how the results of the assessment(s) are used in shaping policy, programs, and initiatives :

Analysis of the faculty survey results are presented to University Counsel comprised of the chancellor, provost, deans and top leadership of the university. These reports systematically seek to understand differences by gender and ethnicity and to specifically assess whether under-represented groups feel welcome and well supported. Reports are also given to the Faculty Senate and to the deans of individual schools. Faculty committees with focus on issues of diversity, mentoring and leadership development have received ad hoc analyses that address areas of particular relevance. Reports are also available on university web sites for the entire university community. The process of periodic faculty surveys has been well received. We have response rates of 60% and higher, considered very strong for faculty surveys. Survey findings have helped open up conversations about diversity issues on campus and inform those conversations on an ongoing basis.

Student survey results help advisors and informs student activities leadership.

The website URL where information about the assessment(s) is available :

<http://facultysenate.wustl.edu/presentations/Pages/default.aspx>

Support Programs for Underrepresented Groups

Responsible Party

Katherine Martin

Associate Director

Cornerstone: The Center for Advanced Learning

Criteria

Institution has mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus.

"---" indicates that no data was submitted for this field

Does the institution have mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus? :

Yes

A brief description of the programs sponsored by the institution to support underrepresented groups within the student body :

Professional TRIO staff offer student services which include academic advising, individualized academic coaching, workshops to strengthen skills in writing, chemistry, biology and mathematics, assistance in preparing for graduate school admission examinations, and experience working with and in study groups led by a trained academic peer mentor. In addition, cultural and leadership programs, summer internship assistance and information regarding other campus resources are available. Also, students may apply for monetary assistance for tuition, book purchases, pre-freshmen program scholarships and study abroad opportunities.

Also, we house the Disability Resources unit that specifically registers students with disabilities (SWDs) and authorizes their accommodations. In that regard, we are all about “leveling the playing field” .

In addition, we are currently working on a grant application from NSF to support under-represented minorities in the STEM (science, technology, engineering and mathematics) fields, see them persist to graduation in their chosen STEM area and encourage graduate and professional school in their STEM area. For this grant, WashU would lead a consortium of universities and colleges from Missouri and Kansas.

In the past, we worked with the Sloan Foundation to determine baseline data for females and under-represented minorities in an effort to determine barriers to completing degrees in the STEM fields.

A brief description of the programs sponsored by the institution to support underrepresented groups within the faculty :

The Provost’s Office Diversity & Initiative Grants started 3 years ago as a way to support faculty and staff who would like to do their own programming to support diversity. \$250,000 is given out every year for this purpose.

The Distinguished Visiting Scholars Program was established in Fall 1998 as part of Washington University's efforts to increase the representation of underrepresented faculty (African-American, Hispanic, American Indian) on campus. The program brings to campus persons who have distinguished themselves as leaders or potential leaders in the academy, business, or fields of endeavor. During their sojourn the Scholars participate in the intellectual life of the campus by teaching seminars and giving lectures. Interacting with students is especially important and encouraged. The hosting department or school extending the invitation coordinates all the appropriate and necessary arrangements for a successful visit.

On the Danforth Campus, female faculty connect for support and guidance through the Association of Women Faculty. DISSS is a multi-cultural support group on the Danforth Campus for faculty and staff of color. A program beginning fall 2011 will coordinate mentoring for incoming faculty of color. The Campus Diversity Collaborative is led by Julia Macias Garcia and coordinates trainings and discussion forums around diversity, with an LGBT component led by Saida Bonifield.

The Academic Womens Network is a female faculty support network at the Medical School campus. Our Medical School also has Gender Equity Pay and Faculty Diversity committees aimed at reducing the pay gap between the genders and increasing diversity in the faculty, respectively.

The Office of Diversity Programs (ODP) at our Medical School promotes the concepts and benefits of pluralism throughout the medical center and strives to recruit, develop and retain talented students and faculty from under represented groups. For more information about the ODP, see

<http://medschooldiversity.wustl.edu/diversity/diversity.nsf/0ee53e934810efcd86256a94005e5f7d/1a326d56f24c8b8a86256c150056834e?OpenDocument>

A brief description of the programs sponsored by the institution to support underrepresented groups within the staff :

In November 2010, a symposium was held on The Importance of Mentoring Relationships in the Careers of Traditionally Underrepresented Women of Color in Higher Education. The goals of the symposium were two-fold: (1) To provide the University community with nationally recognized women of color who have benefited from professional mentoring relationships and who have seen first-hand the value of mentoring not only to the mentee, but to their employing institutions, and (2) to inspire and encourage Washington University underrepresented women of color and senior University administrators to begin institutionalizing in a meaningful way mentoring relationships as a mechanism to foster professional development and institutional retention of talented faculty and staff.

The event was supported through funds from a WUSTL Diversity and Inclusion grant. For more info, see

<http://ja.wustl.edu/mentoring/>

The website URL where more information about the programs in each of the three categories is available :

<http://diversity.wustl.edu/>

Support Programs for Future Faculty

Responsible Party

Michelle Milligan

Associate Provost
Office of the Provost

Criteria

Institution administers and/or participates in a program or programs to help build a diverse faculty throughout higher education.

Such programs could take any of the following forms:

- Teaching fellowships or other programs to support terminal degree students from underrepresented groups in gaining teaching experience. (The terminal degree students may be enrolled at another institution).
 - Mentoring, financial, and/or other support programs to prepare and encourage undergraduate or other non-terminal degree students to pursue further education and careers as faculty members.
 - Mentoring, financial, and/or other support programs for doctoral and post-doctoral students from underrepresented groups.
-

"---" indicates that no data was submitted for this field

Does the institution administer and/or participate in programs that meet the criteria for this credit? :

Yes

A brief description of the institution's programs that help increase the diversity of higher education faculty :

We have joined the Leadership Alliance, a group of 32 institutions that support underrepresented groups through programs to encourage them to enter academia. Programs include summer internships for minority undergraduate students to do summer research at any Leadership Alliance school to help create a graduate school 'pipeline.'

We have an active diverse faculty recruiting program, including search workshops that help advertise and pursue diverse candidates for our pool. Our search procedures include targeted opportunity policies to bring underrepresented groups to campus.

Our Distinguished Visiting Scholar Series targets academics from underrepresented groups and brings them to campus for 1-2 week visits. We often end up recruiting those who make the trip.

The website URL where more information about the program(s) is available :

<http://news.wustl.edu/news/Pages/3400.aspx>

Affordability and Access Programs

Responsible Party

William Witbrodt

Director

Student Financial Services

Criteria

Institution has policies and programs in place to make it accessible and affordable to low-income students. Such policies and programs may include, but are not limited to, the following:

- Policies and programs to minimize the cost of attendance for low-income students
- Programs to equip the institution's faculty and staff to better serve students from low-income backgrounds
- Programs to prepare students from low-income backgrounds for higher education such as the federal TRIO programs
- Scholarships for low-income students
- Programs to guide parents of low-income students through the higher education experience
- Targeted outreach to recruit students from low-income backgrounds
- Other admissions policies or programs
- Other financial aid policies or programs

Institutions are not required to have programs or policies in each of the above areas in order to earn this credit. They may pursue the policies and programs that are appropriate for their context.

"---" indicates that no data was submitted for this field

Does the institution have policies and programs in place to make it accessible and affordable to low-income students?

:

Yes

A brief description of the institution's participation in federal TRIO programs :

A TRIO program, known as Student Support Services, has maintained grant funding at Washington University since the early 1970s. Approximately 10% of the Washington University's undergraduate student body is TRIO eligible, however, each year Washington University targets to provide comprehensive services to 200 Washington University TRIO eligible undergraduates.

A brief description of the institution's policies and programs to minimize the cost of attendance for low-income students? :

WUSTL meets the full need of low-income students who apply to the university. For students coming from families who make less than \$60,000/year, we meet students' needs without student loans through scholarships and workstudy jobs. In addition to collecting information on standard financial aid surveys, we solicit extra information to paint a better picture of students' situations to better assess

their needs. We also direct students concerned with their financial standing to our offices via word of mouth in case they are less than forthcoming

A brief description of the institution's programs to equip the institution's faculty and staff to better serve students from low-income backgrounds :

All Student Financial Services staff take a sensitivity training to better equip them to speak with students from low-income backgrounds.

A brief description of the institution's programs to prepare students from low-income backgrounds for higher education :

Our five Student Financial Services counselors contact all high school guidance counselors in the St Louis region, especially those with needy populations, to offer workshops and one-on-one meetings on how to fill out financial aid applications every year.

WUSTL hosts & provides financial support for a College Summit conference on campus every summer. College Summit is a national nonprofit organization that partners with schools and districts to strengthen college-going culture and increase college enrollment rates, so that all students graduate career and college-ready.

A brief description of the institution's scholarships for low-income students :

While WUSTL does not have any designated low-income scholarships, scholarships are given according to the policy outlined above in adequate amounts to cover the full need of students who qualify.

A brief description of the institution's programs to guide parents of low-income students through the higher education experience :

Parents are often present at the workshops in St. Louis-region schools described above

A brief description of the institution's targeted outreach to recruit students from low-income backgrounds :

All admitted students who are eligible for Pell Grants are contacted by Student Financial Services and encouraged to enroll. The university has extensive outreach efforts to high schools and student success programs around the country and places a high priority on this effort.

A brief description of the institution's other admissions policies and programs :

A brief description of the institution's other financial aid policies or programs :

A brief description of the institution's other policies and programs not covered above :

The website URL where information about programs in each of the areas listed above is available :

<http://sfswweb.wustl.edu/sfs/sfshome.aspx>

Gender Neutral Housing

Responsible Party

Rebecca Madson

Coordinator for Student Involvement
Residential Life

"---" indicates that no data was submitted for this field

Does the institution offer housing options to accommodate the special needs of transgender and transitioning students (either as a matter of policy or as standard practice)? :

Yes

A brief description of the program, policy, or practice :

The Office of Residential Life aims to treat students as adults and encourages them to make well-thought-out decisions. We offer upper-class students a housing option where the suite assignments are not based on gender. Gender Neutral assignments are available in the Housing Selection Petition Process during the Round 1 and Round 2 processes, and only available in the following locations:

- The Village
- On Campus Apartments (Millbrook* and Village East)
- Off Campus Apartments (Greenway Place, University Drive, Rosedale Court, University Terrace, Waterman Court)

The website URL where information about the program, policy, or practice is available :

http://reslife.wustl.edu/index.php?option=com_content&view=article&id=207&Itemid=194#Gender%20Neutral%20Housing

Employee Training Opportunities

Responsible Party

Julia Garcia
Assistant Dean
College of Arts & Sciences

"---" indicates that no data was submitted for this field

Does the institution make cultural competence trainings and activities available to all employees? :

Yes

A brief description of the cultural competence trainings and activities :

d

The website URL where information about the trainings and activities are available :

Student Training Opportunities

Responsible Party

Naomi Sigg

Assistant Director

Student Involvement & Leadership

"---" indicates that no data was submitted for this field

Does the institution make cultural competence trainings and activities available to all students? :

Yes

A brief description of the cultural competence trainings and activities :

The WUSTL Social Justice Center partnered with Student Involvement & Leadership to bring Jessica Pettit to campus for three-hour long session for any student. The session was attended by approximately 40 undergraduate/graduate students. Dinner was provided and the diversity trainer led the group in activities and reflection in order to better understand their identities and systemic issues of oppression. It was 3 hours long and will be an annual recurring event.

The website URL where information about the trainings and activities are available :

Human Resources

This subcategory seeks to recognize institutions that have incorporated sustainability into their human resources programs and policies. This includes recognition for treating and remunerating their workers responsibly and fairly. An institution's people define its character and capacity to perform; and so, an institution's achievements can only be as strong as its community. An institution can bolster the strength of its community by making fair and responsible investments in its human capital. Such investments include offering benefits, wages, and other assistance that serve to respectfully and ethically compensate workers. Investment in human resources is integral to the achievement of a healthy and sustainable balance between human capital, natural capital, and financial capital.

In addition, this subcategory recognizes faculty and staff training and development programs in sustainability. Faculty and staff members' daily decisions impact an institution's sustainability performance. Equipping faculty and staff with the tools, knowledge, and motivation to adopt behavior changes that promote sustainability is an essential activity of a sustainable campus.

Credit
Sustainable Compensation
Employee Satisfaction Evaluation
Staff Professional Development in Sustainability
Sustainability in New Employee Orientation
Employee Sustainability Educators Program
Childcare
Employee Wellness Program
Socially Responsible Retirement Plan

Sustainable Compensation

Responsible Party

Ann Prenatt
Vice Chancellor
Human Resources

Criteria

Institution evaluates, and updates as appropriate, its wages and benefits policies and its guidelines for contractors operating on campus to ensure that total compensation (wages plus benefits) for all on-campus workers is sufficient to enable these employees to meet their basic needs, as defined by the institution. This evaluation is completed at least once every three years.

Student workers are not covered by this credit.

While wages and total compensation set in the following ways may constitute sustainable compensation, institutions should conduct a basic needs assessment to ensure that the total compensation is adequate before claiming points for this credit:

- Paying prevailing wages for job type or classification
- Paying average or above average wages for the region or city where the institution is located
- Paying minimum wages or a set amount above the minimum wage

Policies and practices adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Submission Note:

2011 was listed as the most recent year in which "total compensation for lowest-paid workers was evaluated to ensure it was sustainable". To clarify, job salary levels and the salary/grade structures are evaluated annually with respect to the market and internal equity, ensuring appropriate standards for our workforce. However, we do not specifically consider individual employee need as a factor in our compensation program.

"---" indicates that no data was submitted for this field

Total number of employees working on campus (including contractors) :

13928

Number of employees (including contractors) that the institution ensures earn sustainable compensation :

13928

A brief description of how the institution ensures that its lowest-paid workers (including contractors, if applicable) receive sustainable compensation :

The University participates in market salary/wage surveys and, in some cases, purchases surveys that provide data related to pay for benchmark positions. While for staff positions the local and regional market data is the most relevant, for certain staff positions national data is used for comparison purposes. The University annually examines salary/grade ranges relative to market and makes adjustments as appropriate. The goal is to align the midpoint of University salary/grade ranges at the market average for benchmark jobs and, target employee salary and wage levels, for those whose experience and performance warrant, at the range midpoints. The University's current entry level wage, applicable to its regular workforce is set at \$1.75 above the current federal and state minimum wage level.

The University maintains approximately 13,000 employees and approximately 720 contractor employees for whom the campuses represent the primary worksite. These contractor company employees are required to provide "basic services" to members of the Washington University community members.

While we do not specifically consider individual employee need as a compensable factor in our compensation program, we periodically examine our entry level wage with regard to appropriate standards to determine whether or not to adjust. We do utilize market wage and salary data to establish pay rates and salary/grade ranges; our current entry level wage for regular employees is \$1.75 above the federal and state minimum wage. Once employed, we base changes in income on performance and changes in responsibilities; and, when appropriate, we will make income adjustments based upon market data and internal equity concerns.

Two of our keystone benefit plans are designed to encourage participation at all levels of pay. To encourage lower paid employees to enroll for health coverage, the University now bases health premium costs on employee income. In addition, the University's 403(b) retirement savings plan is made available for immediate contribution by the employees . At the completion of two years of service, employees who make the required minimum contribution become eligible for the University's contribution to the plan. The retirement savings plan contribution requirements are also based upon wage/salary levels to encourage savings for retirement and access to the University's contribution to the plan The employee cost for employees earning under \$30,000 is \$5.00 per month; for those earning between \$30,000 and \$44,999, 3% of pay per month; \$45,000 and over, 5% of pay per month.

. In addition, the University subsidizes transportation costs for employees (and students) through the provision of a public transportation pass at no cost, reducing parking expenses for eligible employees while assisting in the mitigation of the campuses carbon footprint.

For those employed by contacted companies, the University has additional measures set in place to ensure appropriate compensation. The requirements placed upon the approximately 17 contractor companies that provide "basic services" to the Washington University community include the payment of an hourly wage of not less than \$9.00 per hour to full-time employees and availability of health insurance. The University has also established a relationship with a local clinic to ensure that contractor employees (and their family members) who are not eligible for employer health insurance (and are not required to prove that they are not eligible), have access to up to 10 clinic visits per year, for which the University pays in full. The full-time employees of these contractors are also afforded the provision of a fully subsidized public transportation pass.

The most recent year total compensation for the institution's lowest-paid workers (including contractors, if applicable) was evaluated to ensure that it was sustainable :

2011

The website URL where information about the institution's compensation policies and practices is available :

Employee Satisfaction Evaluation

Responsible Party

Ann Prenatt
Vice Chancellor
Human Resources

Criteria

Institution conducts a survey or other evaluation that allows for anonymous feedback at least once every five years to measure employee satisfaction. The survey or equivalent may be conducted institution-wide or may be done by individual departments as long as all departments are covered by a survey. The institution has a mechanism in place to address issues raised by the evaluation.

"---" indicates that no data was submitted for this field

Does the institution evaluate employee satisfaction in a way that meets the criteria for this credit? :

Yes

A brief description of the institution's methodology for evaluating employee satisfaction :

WUSTL participated in the St Louis Business Journal's Great Places to Work survey. This survey was managed through a third party with both narrative and detailed questions ranging from benefits to culture. While responses were anonymous, the feedback was available to the University so to the extent possible, follow up was done. Conducting a similar University-wide survey is currently under consideration

The year the employee satisfaction evaluation was last administered :

2006

The website URL where information about the institution's employee satisfaction evaluation process is available :

Staff Professional Development in Sustainability

Criteria

Institution makes available training and/or other professional development opportunities in sustainability to all staff at least once per year.

Separate training opportunities for each department would count for this credit, as long as each staff member has an opportunity to learn about sustainability at least once per year.

It is not necessary that each staff member attend such trainings; the credit is based on making training *available* to all staff.

This credit applies to staff members only; it does not include faculty members.

The following training opportunities are not sufficient for this credit:

- Specialized training for a small group of staff
- The opportunity to participate in an institutional sustainability committee or group

"---" indicates that no data was submitted for this field

Does the institution make training and professional development opportunities in sustainability available to all staff? :

A brief description of the sustainability trainings and professional development opportunities available to staff :

The website URL where information about staff training opportunities in sustainability are available :

Sustainability in New Employee Orientation

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution covers sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff.

"---" indicates that no data was submitted for this field

Does the institution cover sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff? :

Yes

A brief description of how sustainability is included in new employee orientation :

All new employees are given a 5-10 minute presentation on the university's sustainability goals and related activities on campus. They receive a leaflet with their orientation materials with tips on ways they can reduce their environmental footprint while on campus.

The website URL for the information about sustainability in new employee orientation :

<http://sustainabilitypledge.wustl.edu/SiteCollectionDocuments/Staff%20Orientation%20Leaflet.pdf>

Employee Sustainability Educators Program

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution administers or oversees an ongoing faculty/staff peer-to-peer sustainability outreach and education program. In the program, employee sustainability educators are formally designated and receive formal training or participate in an institution-sponsored orientation. The institution offers financial or other support to the program.

"---" indicates that no data was submitted for this field

Total number of people employed by the institution :

Program name (1st program) :

Number of employees served by the program (1st program) :

A brief description of how the employee educators are selected (1st program) :

A brief description of the formal training that the employee educators receive (1st program) :

A brief description of the staff and/or other financial support the institution provides to the program (1st program) :

The website URL where information about the program is available (1st program) :

Program name (2nd program) :

Number of employees served by the program (2nd program) :

A brief description of how the employee educators are selected (2nd program) :

A brief description of the formal training that the employee educators receive (2nd program) :

A brief description of the financial or other support the institution provides to the program (2nd program) :

The website URL where information about the program is available (2nd program) :

Program name(s) (all other programs) :

Number of employees served by the program(s) (all other programs) :

A brief description of how the employee educators are selected (all other programs) :

A brief description of the formal training that the employee educators receive (all other programs) :

A brief description of the staff and/or other financial support the institution provides to the program(s) (all other programs) :

The website URL where information about the program(s) is available (all other programs) :

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an on-site child care facility, partner with a local facility, and/or provide subsidies or financial support to help meet the child care needs of students, faculty, and staff? :

Yes

A brief description of the child care program, policy, or practice :

The Washington University Family Learning Center opened September of 2010. This 19,900 sf LEED Gold-certified facility accommodates 156 children ages six weeks to six years and is located on the North Campus.

Managed by Bright Horizons Family Solutions, the Washington University Family Learning Center offers an exceptional, high quality child care program designed to serve the diverse families of our faculty, staff, students and basic services contractors.

The website URL where information about the program, policy, or practice is available :

<http://www.wustl.edu/community/faculty-staff/childcare>

Employee Wellness Program

Responsible Party

Ann Prenatt
Vice Chancellor
Human Resources

"---" indicates that no data was submitted for this field

Does the institution have an employee assistance or wellness program that provides counseling, referral, and well-being services to employees? :

Yes

A brief description of the employee wellness program, policy, or practice :

Washington University provides an Employee Assistance Program (EAP) to all benefits eligible employees and their dependents. This prepaid benefit is offered as a way to help our employees resolve issues that may impact their personal lives and their job performance. The EAP provides confidential, professional assistance to benefits eligible University employees and their family members to help resolve problems that are affecting their personal life or job performance. The program is managed by People Resources, a nationally known professional consulting firm specializing in EAP services.

The University also offers a confidential health risk assessment tool available to faculty and staff, Your Health Snapshot, available at

<http://yourhealthsnapshot.wustl.edu>

The website URL where information about the program, policy, or practice is available :

http://hr.wustl.edu/work_life/Pages/default.aspx

Socially Responsible Retirement Plan

Responsible Party

Ann Prenatt
Vice Chancellor
Human Resources

"---" indicates that no data was submitted for this field

Does the institution offer a socially responsible investment option for retirement plans? :

Yes

A brief description of the socially responsible investment option for retirement plans :

The Social Choice Account is a multi-asset retirement plan offered through TIAA-CREF. This variable annuity account seeks a favorable long-term rate of return that reflects the investment performance of the financial markets while giving special consideration to certain social criteria. The account typically invests in a broadly diversified portfolio of domestic stocks (47%), foreign stocks (13%), and fixed-income securities (40%). In the case of equities and corporate bonds, the account invests only in companies that meet its screening criteria. Using specific environmental, social and governance criteria, the evaluation process seeks out companies that are: strong stewards of the environment; devoted to serving local communities and society in general; committed to high labor standards; dedicated to producing high-quality, safe products; and those managed in an ethical manner.

The website URL where information about the program, policy, or practice is available :

http://enroll.tiaa-cref.org/wustl/inv_opt_multi_asset_ap.html

Investment

This subcategory seeks to recognize institutions that make investment decisions that promote sustainability. Most institutions invest some of their assets in order to generate income. Together, colleges and universities invest hundreds of billions of dollars. Schools with transparent and democratic investment processes promote accountability and engagement by the campus and community. Furthermore, institutions can support sustainability by investing in companies and funds that, in addition to providing a strong rate of return, are committed to social and environmental responsibility. Investing in these industries also supports the development of sustainable products and services. Finally, campuses can engage with the businesses in which they are invested in order to promote sustainable practices.

Throughout this subcategory, the term “sustainable investment” is inclusive of socially responsible, environmentally responsible, ethical, impact, and mission-related investment.

Credit
Committee on Investor Responsibility
Shareholder Advocacy
Positive Sustainability Investments
Student-Managed Sustainable Investment Fund
Sustainable Investment Policy
Investment Disclosure

Committee on Investor Responsibility

Responsible Party

Kimberly Walker

Chief Investment Officer

WUSTL Investment Management Company

Criteria

Institution has a formally established and active CIR or similar body that makes recommendations to the Board of Trustees on socially and environmentally responsible investment opportunities across asset classes, including proxy voting. The body has multi-stakeholder representation, which means its membership includes faculty, staff, and students and may include alumni, trustees, and/or other parties.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

A general committee that oversees the institution's investments does not count for this credit unless social and environmental responsibility is an explicit part of its mission and/or agenda.

This credit applies to institutions with endowments of US \$1 million or larger. Institutions with endowments totaling less than US \$1 million may choose to omit this credit.

"---" indicates that no data was submitted for this field

Does the institution have a committee on investor responsibility or similar body that meets the criteria for this credit?

:

Yes

The charter or mission statement of the CIR or other body, which reflects social and environmental concerns, or a brief description of how the CIR is tasked to address social and environmental concerns :

Charter for Wash U Investor Responsibility Advisory Committee

Preamble: Whereas the mission statement of Washington University calls for us “to be an exemplary institution in our home community, St. Louis, as well as in the nation and the world,” Washington University hereby moves to ensure its Endowment and Investments do not detract from the goals it pursues and the standard that it strives to maintain. To this end, be it established a committee to evaluate the ethical impacts that Washington University’s investments have both within its home community, St. Louis, and more broadly in the nation and the world, and to advise on the improvement thereof.

Article 1: Name: This committee shall be titled the Wash U Investor Responsibility Advisory Committee, unless they should, by vote, choose to change it.

Article 2: Composition: The committee shall be composed of undergraduate students, graduate students, faculty, and administrators. A representative of the Washington University Investment Management Company shall attend WIRAC meetings. The committee shall choose one of its members to serve as chair.

Article 3: Selection: All undergraduate students, graduate students, faculty, and administrators can apply to be a member of WIRAC. Current members shall review applications and decide which applicants become members of the committee. Members shall hold their seats for no more than three (3), two-year terms, such that only half of the members' terms shall expire at once. Terms shall begin and end on October 1st. The Committee shall seek out replacements for those members who are leaving at the end of their terms, and recommend them to the selecting body in question.

Article 4: Purview: The committee shall be entrusted with shareholder engagement, including corporate dialogue, communications and letter writing with directly held companies, reviewing shareholder resolutions, recommending proxy votes for direct holdings, and crafting and updating recommended proxy-voting guidelines. The committee is entrusted with these matters as they relates to social responsibility, and shall avoid all matters pertaining to ordinary business and operations.

Article 5: Fiduciary: Nothing in this document shall be construed as to deny the obligations and importance of the fiduciary responsibilities faced by Washington University officials overseeing the Endowment.

Article 6: Procedure: The committee shall meet for four hours every month, and it shall be open to the Washington University public (excludes people who are unaffiliated with the University). A Quorum shall exist if 50% of members, and one member of each constituency at minimum . However, a Quorum may be presumed unless a role call, taken at the request of any member, shall indicate otherwise. At their meetings, the committee shall investigate campus consensus, advise the University of social responsibility, and recommend actions for the university to take regarding such matters. These measures shall be considered adopted if approved by a majority of the members present and voting.

Article 7: Access: The committee shall be provided with any and all current financial information needed to successfully carry-out its purpose, including a listing of direct holding and fund managers, amounts invested in them, and contact information for them. This information shall be provided in February and again in October of every calendar year, and upon request of the committee. The University shall control the dissemination of this information and dictate the terms upon which non-members of the committee may be party to it. The Washington University public (excludes people who are unaffiliated) retains the right to view a hard copy of this information as provided to the committee, though location, copies, pictures, notes, markings, and other terms of viewing may be dictated by the University.

Article 8: Areas of engagement: The committee aims to be responsive to the concerns and priorities of the Wash U community. To that end, it shall pursue community input (in the form of surveys, town halls, pre-existing university policies and initiatives, etc.) to establish "areas of engagement," thematic issues (for example, "environmental responsibility" or "diversity policies") that the committee will address. When recommending specific proxy votes, the committee will create a report detailing how each vote aligns with existing Wash U policies and the attitudes of Wash U community members.

Article 9: Amendment: This document may be amended by a supermajority of two-thirds of committee members chosen and sworn voting to do so, provided that the Washington University Board of Trustees also give affirmative approval of the same.

Members of the CIR, including affiliations :

Undergraduate Students:

*Molly Gott, ArtSci 2012

*Kathleen Brophy, ArtSci 2012

*Arielle Klagsburn, ArtSci 2012

*Martina Mok, Business 2012

*Alex Kaufman, ArtSci 2013

*Zac Friss, Business 2013

*Rachel Binstock, ArtSci 2013

*Erica Beach, ArtSci 2014

Graduate Students:

*Maria Stoica, PhD candidate in Computer Science and Engineering

*Andrew Westbrook, PhD candidate in Psychology

Faculty:

*Andrew Knight, Assistant Professor in Organizational Behavior

*Sandra Matteucci, Lecturer in Technical Writing

Administrators:

*Phil Valko, Director of Sustainability

*Alan Kuebler, Assistant Vice Chancellor of Resource Management

*Justin Carroll, Vice Chancellor for Students

Recent examples (within the past 3 years) of CIR actions :

This past spring, WIRAC chose five shareholder resolutions with which to engage. The committee recommended votes on those resolutions to the Wash U Investment Management Company (WUIMC). The WUIMC agreed with one of the committee's recommendations and cast its vote in accordance with the committee's recommendation. One decision is pending resolution

The website URL where information about the committee is available :

Shareholder Advocacy

Criteria

There are two possible approaches to earning this credit.

1) Institution filed or co-filed one or more shareholder resolutions that address sustainability or submitted one or more letters about social or environmental responsibility to a company in which it holds investments, during the previous three years.

and/or

2) Institution has conducted a negative screening of its entire investment pool within the last three years. This could take the form of prohibiting investment in an industry (e.g. tobacco or weapons manufacturing) or participating in a divestment effort (e.g. companies operating in South Africa during apartheid). The negative screen includes selling all but \$2,000 or less of the affected direct holdings and writing a letter to all fund managers encouraging them to remove affected holdings as well.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the shareholder advocacy activities of those entities.

"---" indicates that no data was submitted for this field

Has the institution filed or co-filed one or more shareholder resolutions that address sustainability during the past three years? :

No

Has the institution submitted one or more letters about social or environmental responsibility to a company in which it holds investments during the previous three years? :

No

Has the institution conducted a negative screening of its entire investment pool within the last three years? :

No

A brief description of how the institution (or its foundation) has engaged in shareholder advocacy that promotes sustainability during the previous 3 years. :

The website URL where information about the negative screen, divestment effort, and/or direct engagement with companies in which the institution holds investments is available :

Positive Sustainability Investments

Responsible Party

Kimberly Walker

Chief Investment Officer

WUSTL Investment Management Company

Criteria

Institution invests in any of the following:

- Sustainable industries, such as renewable energy or sustainable forestry
- Businesses selected for exemplary sustainability performances
- Sustainability investment funds, such as a renewable energy investment fund
- Community development financial institutions (CDFI)
- Socially responsible mutual funds with positive screens.

Investment in a socially responsible mutual fund with only negative screens (i.e. one that excludes egregious offenders or certain industries, such as tobacco or weapons manufacturing) does not count for this credit.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

"---" indicates that no data was submitted for this field

Total value of the investment pool :

5545337498 US/Canadian \$

Value of holdings in sustainable industries, such as renewable energy or sustainable forestry :

349652975 US/Canadian \$

Value of holdings in businesses selected for exemplary sustainability performances :

0 US/Canadian \$

Value of holdings in sustainability investment funds, such as a renewable energy investment fund :

0 US/Canadian \$

Value of holdings in community development financial institutions (CDFIs) :

0 US/Canadian \$

Value of holdings in socially responsible mutual funds with positive screens :

0 US/Canadian \$

A brief description of the companies, funds, and/or institutions referenced above :

An investment is considered green if it meets California's working definition of green. Green or clean according to this definition is any activity that performs at least one of the following:

Generating and storing renewable energy

Recycling existing materials

Energy efficient product manufacturing, distribution, construction, installation, and maintenance

Education, compliance and awareness

Natural and sustainable product manufacturing

Socially responsible mutual funds with positive screens were not included in this survey.

The website URL where information about the institution's sustainability investment activities is available :

Student-Managed Sustainable Investment Fund

"---" indicates that no data was submitted for this field

Does the institution have a student-managed sustainable investment fund through which students are able to develop socially and/or environmentally responsible investment skills and experience with governance? :

No

A brief description of the student-managed sustainable investment fund :

The website URL where information about the fund is available :

Sustainable Investment Policy

"---" indicates that no data was submitted for this field

Does the institution have a policy, practice or directive to consider the social and/or environmental impacts of investment decisions, in addition to financial considerations? :

No

A brief description of the sustainable investment policy :

The website URL where information about the policy is available :

Investment Disclosure

Responsible Party

Kimberly Walker

Chief Investment Officer

WUSTL Investment Management Company

Submission Note:

While we do not disclose the amounts we invest in each fund, we do show holdings by asset class, including asset allocation, performance and objectives at <http://wuimc.wustl.edu>

"---" indicates that no data was submitted for this field

Does the institution make a snapshot of its investment holdings, including the amount invested in each fund and/or company and proxy voting records, available to the public? :

No

A brief description of the institution's investment disclosure practices :

The website URL where information about investment disclosure available :

Public Engagement

This subcategory seeks to recognize institutions that give back to their communities through community service, engagement, and partnerships. Volunteerism and the sense of compassion that community service helps develop are fundamental to achieving sustainability. From tutoring children to removing invasive species to volunteering at a food bank, students, faculty, and staff can make tangible contributions that address sustainability challenges through community service. Community engagement can help students develop leadership skills while deepening their understandings of practical, real-world problems. Institutions can contribute to their communities by harnessing their financial and academic resources to address community needs. For example, faculty research and courses can focus on how to address community problems. In addition, colleges and universities can offer incentives for their graduates to pursue careers that fill community needs, and schools can use their prominence to advocate for sustainability outside of their institutions.

Credit
Community Sustainability Partnerships
Inter-Campus Collaboration on Sustainability
Sustainability in Continuing Education
Community Service Participation
Community Service Hours
Sustainability Policy Advocacy
Trademark Licensing
Graduation Pledge
Community Service on Transcripts
Farmers' Market

Community Sustainability Partnerships

Responsible Party

Cheryl Adelstein

Director of Community Relations & Local Government Affairs
Government and Community Relations

Criteria

Institution has formal partnership(s) with the local community, including school districts, government agencies, non-profit organizations, or other entities, to work together to advance sustainability within the community.

"---" indicates that no data was submitted for this field

Does the institution participate in community sustainability partnerships that meet the criteria for this credit? :

Yes

A brief description of the institution's sustainability partnerships with the local community :

WUSTL maintains many such collaborative relationships. Two more recent initiatives are described below:

The University is involved in the Parkview Gardens Vision planning process, working to create a redevelopment and sustainability plan for the Parkview Gardens area of University City, supported in part by the federal grant that the city recently received.

The University is also partnering with Great Rivers Greenway (GRG) on the Centennial Greenway bicycle path, contributing to planning efforts and campus and community improvements in support of bicycling as a safe and sustainable means of transportation.

The website URL where information about sustainability partnerships is available :

<http://www.parkviewgardensvision.org/>

Inter-Campus Collaboration on Sustainability

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution collaborates with other colleges and universities to support and help build the campus sustainability community.

"---" indicates that no data was submitted for this field

Does the institution collaborate with other colleges and universities to support and help build the campus sustainability community? :

Yes

A brief summary of papers, guides, presentations, and other resources the institution has developed to share their sustainability experience with other institutions :

We have shared our recycling sign design with other schools. In addition, we shared events around Earth Day

The names of local, state, regional, national, and other campus sustainability organizations or consortia in which the institution participates and/or is a member :

We are a member of the St. Louis Higher Education Sustainability Consortium, ACPA and AASHE

A brief summary of additional ways the institution collaborates with other campuses to advance sustainability :

We have contacted peer institutions in the past to share ideas and interview them about initiatives on their campuses, for example, our sustainability pledge was modeled after Emory University's sustainability pledge.

We regularly share ideas with other universities who are developing bicycle master plans through a bicycle coordinator email listserv.

We regularly advise students and staff at other universities working to ban bottled water on their campuses.

The website URL where information about cross-campus collaboration is available :

http://www.earthwayscenter.org/stl_hesc.html

Sustainability in Continuing Education

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Part 1

Institution offers continuing education courses that are focused on or related to sustainability.

Courses that can be taken for academic credit are not included in this credit. They are covered by the *Curriculum* subcategory.

Part 2

Institution has a sustainability-related certificate program through its continuing education or extension department.

"---" indicates that no data was submitted for this field

Does the institution offer continuing education courses that are focused on or related to sustainability? :

No

Number of sustainability continuing education courses offered :

Total number of continuing education courses offered :

Does the institution have a sustainability-related certificate program through its continuing education or extension department? :

Yes

A brief description of the certificate program :

Sustainable communities are planned, built, and modified to promote a quality of life that is ecologically responsible and inclusive to foster the creative use of our physical and cultural resources. The Certificate in Sustainable Communities and Development, designed primarily for professionals in architecture, planning, law, government and development, offers knowledge and methods to design and develop sustainable places and spaces within our community. Grounded in a comprehensive understanding of the ecological, political, and social context of the subject, the program also offers students a set of specific practical skills with which to plan sustainable communities. The scientific, political, economic, and social implications of sustainable development and design are addressed in the core and elective courses. A studio-based capstone experience addresses the collaborative and integrative nature of sustainability development. [STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

Year the certificate program was created :

2010

The website URL where information about sustainability in continuing education courses is available :

http://ucollege.wustl.edu/areas/certificates/sustainable_communities

Community Service Participation

Responsible Party

Jennifer Harpring

Program Manager

Gephardt Institute for Public Service

Criteria

Institution engages its student body in community service, as measured by the percentage of students who participate in community service.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

Submission Note:

Our Community Service Office tracks community service hours by the service deed, not by student. It was impossible to separate out the service by student. As thus, we had to estimate by using the results of a student survey.

"---" indicates that no data was submitted for this field

The number of students engaged in community service :

7557

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

13995

The website URL where information about the institution's community service initiatives is available :

<http://www.communityservice.wustl.edu/>

Community Service Hours

Responsible Party

Jennifer Harpring

Program Manager

Gephardt Institute for Public Service

Criteria

Institution engages students in community service, as measured by average hours contributed per full-time student per year.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

Submission Note:

Number based on Washington University Community Counts Service Inventory. Number of hours includes students who may be involved in more than one initiative.

"---" indicates that no data was submitted for this field

The number of student community service hours contributed during a one-year period :

3500000

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

13995

The website URL where information about the institution's community service initiatives is available :

<http://www.communityservice.wustl.edu/>

Sustainability Policy Advocacy

Responsible Party

Rose Windmiller

Assistant Vice Chancellor
Government and Community Relations

Criteria

Institution advocates for federal, state, or local public policies that support campus sustainability or that otherwise advance sustainability.

The policy advocacy must be done by the institution, not by students or a student group.

"---" indicates that no data was submitted for this field

Has the institution advocated for federal, state, and/or local public policies that support campus sustainability or that otherwise advance sustainability? :

Yes

A brief description of how the institution engages in public policy advocacy for sustainability, including the issues, bills, and ordinances for or against which the institution has advocated :

Chancellor Mark S. Wrighton served as chairman of the Steering Committee for the Advance St. Louis campaign to lobby to increase funding for public transit in the region, known as Proposition A, on the April 2010 ballot. Other members of the committee include leaders from business, civic, religious, labor, disability, educational, and health care organizations.

With the help of Washington University, the initiative passed on April 6, 2010, with the citizens of St. Louis County voting to pass a one-half cent sales tax increase to support the operation and expansion of transit services in the St. Louis region. The passage of the sales tax will provide \$75 million annually in additional funds to expand and operate our bus, MetroLink and Call-A-Ride system. In addition a similar tax that passed in the City in 1997 and is lying dormant will be triggered - raising another \$8 million.

The website URL where information about the institution's advocacy efforts are available :

Trademark Licensing

Responsible Party

Alan Kuebler

Assistant Vice Chancellor

Resource Management

Criteria

Part 1

Institution is a member of the Fair Labor Association or Worker Rights Consortium.

Part 2

Institution has signed on to participate in the Designated Suppliers Program.

Submission Note:

<http://productgraphics.wustl.edu/fairlabor.html>

"---" indicates that no data was submitted for this field

Is the institution a member of the Worker Rights Consortium? :

Yes

Is the institution a member of the Fair Labor Association? :

Yes

Has the institution expressed intention to participate in the Designated Suppliers Program? :

No

The website URL where information about the institution's participation in the WRC, FLA, and/or DSP is available :

Graduation Pledge

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution administer a graduation pledge through which students pledge to consider social and environmental responsibility in future job and other decisions? :

No

A brief description of the graduation pledge program :

The website URL where information about the graduation pledge program is available :

Community Service on Transcripts

Responsible Party

Jennifer Harpring

Program Manager

Gephardt Institute for Public Service

"---" indicates that no data was submitted for this field

Does the institution include community service achievements on student transcripts? :

No

A brief description of the practice :

The website URL where information about the practice is available :

Farmers' Market

Responsible Party

William Fischer
Fellow
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution host a farmers' market for the community? :

Yes

A brief description of the farmers' market :

We have a weekly farmers market at the Medical School campus every Thursday during the growing season. On the Danforth Campus, farmers markets are held more intermittently, but feature produce from our student on-campus organic garden the Burning Kumquat

The website URL where information about the market is available :

<http://news.wustl.edu/news/Pages/22191.aspx>

Innovation

Innovation

These credits recognize institutions that are seeking innovative solutions to sustainability challenges and demonstrating sustainability leadership in ways that are not otherwise captured by STARS.

Credit
Innovation 1
Innovation 2
Innovation 3
Innovation 4

Innovation 1

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
 - 4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.
 - 5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.
 - 6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.
 - 7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.
 - 8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.
 - 9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.
 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

Washington University in St. Louis constructed one of the first two certified "Living Buildings" in the world and as of October 12, 2010, is the first university to have constructed a "Living Building" on one of its campuses, as designated by the International Living Building Institute.

A letter of affirmation from an individual with relevant expertise :

The website URL where information about the innovation is available :

<http://tyson.wustl.edu/llc/index.php>

Responsible Party

Deborah Howard

Interim Director of Sustainability
Office of Sustainability

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
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 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

As of January 2009, Washington University in St. Louis is the first university in North America to have banned the sale of bottled water in campus administrative offices, dining services and vending machines. Additionally, its distribution during departmental and university events is banned. The only exception to the ban is at Commencement, where complexities related to the number of outside parties made banning water bottles extremely difficult. Instead, bottled water usage was reduced by two-thirds.

A letter of affirmation from an individual with relevant expertise :

[Bottled Water Innovation Credit.pdf](#)

The website URL where information about the innovation is available :

<http://news.wustl.edu/news/Pages/13554.aspx>

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
 - 4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.
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 - 6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.
 - 7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.
 - 8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.
 - 9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.
 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

In response to the University's bottled water ban and a proposal from students in our school of architecture, the Office of Sustainability has partnered with University Facilities to begin retrofitting our campus drinking fountains with bottle filler units. This project and its communication effort have assisted in garnering further support for the bottled water ban, the use of reusable bottles and a corresponding reduction in waste.

A letter of affirmation from an individual with relevant expertise :

[Project Confirmation Letter.docx..pdf](#)

The website URL where information about the innovation is available :

<http://news.wustl.edu/news/Pages/21598.aspx>

Innovation 4

Responsible Party

Daniel Bentle

Communications Coordinator

Office of Sustainability

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
 - 4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.
 - 5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.
 - 6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.
 - 7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.
 - 8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.
 - 9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.
 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

The Student Sustainability Fund (SSF) was created by students and is supported by Student Union and the Office of Sustainability. The SSF provides funding for student projects that promote renewable energy, energy efficiency and sustainability education and increase overall awareness of campus energy consumption and environmental impact.

A letter of affirmation from an individual with relevant expertise :

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

WUSTL SSF Description.pdf

The website URL where information about the innovation is available :

<http://sustainabilitypledge.wustl.edu/Pages/GetInvolved.aspx>

Supplemental

Supplemental Data

The supplemental section includes reporting fields that are not part of STARS, but that have been requested by campus survey organizations (the Sustainable Endowments Institute, The Princeton Review, and Sierra magazine). Institutions that wish to share their data with one or more of these organizations should complete the fields in full or contact the relevant organization(s) for guidance regarding minimum reporting requirements.

Credit
New Student Orientation
Food Education
Food and Beverage Purchases
Confinement-Free Food Purchases
Vegetarian-Fed Food Purchases
Hormone-Free Food Purchases
Seafood Purchases
Dishware
Energy Initiatives
Energy Use by Type
Procurement
Bike Sharing
Water Initiatives
Endowment
Sustainability Staffing

New Student Orientation

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details about how it incorporates sustainability into new student orientation.

"---" indicates that no data was submitted for this field

Does new student orientation include presentations, speakers, or skits that address sustainability and take place in large venues that most or all first-year students attend? :

No

Provide a brief description of the presentations, speakers or skits :

Does new student orientation incorporate sustainability information into presentations (e.g., made by Residential Advisors to individual dorm floors)? :

No

Provide a brief description of the presentations :

Does new student orientation actively engage students in activities that raise awareness about sustainability, highlight how sustainability plays out on campus, or allows students to take part in a productive green activity? :

Yes

Provide a brief description of the activities :

Our Student Government hosts a lock-in every orientation at which there is a sustainability-related activity. Additionally, the Office of Sustainability partners with student groups to host a green group-specific activities fair featuring discussion on diverse perspectives of sustainability.

Does the institution make new student orientation more sustainable via efforts such as a zero-waste meal or carbon offsets? :

No

Provide a brief description of the efforts :

Does the institution incorporate sustainability into new student orientation in other ways? :

Yes

Provide a brief description :

The Office of Sustainability tables at various orientation events to hand out resources and guides related to sustainability including Green Living Guides. Additionally, the Office of Sustainability broadcasts its message through mailings and publications directed at first-year students.

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides education about eco-positive food and gardening techniques.

"---" indicates that no data was submitted for this field

Are students educated in an academic class about how to make eco-positive food choices? :

Yes

Provide a brief description :

Culture and Environment explores key relationships between human culture and the physical environment, with the unifying theme of relationships among population, food production, and politics, taught by Professor Glenn Stone:

<http://artsci.wustl.edu/~anthro/courses/361/>

Are students educated in dining facilities about how to make eco-positive food choices? :

Yes

Provide a brief description :

WUSTL Dining Services engages in extensive outreach to the campus community to educate on how to support local, chemical-free agriculture, humanely-raised animals and sustainably-caught seafood. Additionally, they offer a number of programs to educate on the impacts of our food choices, including Zero-Carbon Diet Day, the Eat Local Challenge and more.

Are students educated during orientation about how to make eco-positive food choices? :

Yes

Provide a brief description :

Incoming and returning students were provided a Green Living Guide, which educates on the impact of our food choices.

Are students educated in other venues about how to make eco-positive food choices? :

No

Provide a brief description :

Is there a program by which students are encouraged to and/or taught how to grow their own food? :

Yes

Provide a brief description of the program :

The Burning Kumquat, WUSTL's student-run on-campus organic garden, offers a pre-orientation program for incoming freshmen and regularly hosts workdays during the fall semester for students to learn how to grow their own food.

Food and Beverage Purchases

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

Criteria

Institution provides details of its food and beverage purchases.

Submission Note:

WUSTL Dining Services is contracted to Bon Appetit, who runs a number of sustainability-related dining programs, initiatives and events including but not limited to, Farm to Fork Program, Low Carbon Diet Day, Eat Local Challenge, Sustainable Seafood Purchasing, Cash for Crops Program, purchasing all grass-fed beef hamburgers and using certified cage-free, humanely raised shell eggs.

For items 1 and 2, we are unable to distinguish between processed and grown at this time.

"---" indicates that no data was submitted for this field

The percentage of food and beverage expenditures that were processed within 100 miles of the institution by a company that is not publicly traded :

9

The percentage of food and beverage expenditures that were grown within 100 miles of the institution :

9

List what tool your institution is using to track this information (e.g. Center for Environmental Farming Systems or CBORD) :

Manually

List items procured for dining services from on-campus organic garden(s) :

Arugula, tomatoes, lettuces, cucumber, spinach, radishes, squash...any and all types of vegetables grown

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s) :

0.10

List all Fair Trade certified items purchased :

Coffee, bananas and tea

Confinement-Free Food Purchases

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

Criteria

Institution provides details of its confinement-free animal product purchases.

Submission Note:

Percentages purchased are currently being calculated

"---" indicates that no data was submitted for this field

Type of cage-free / free-range eggs purchased :

Certified Cage-Free & Certified Humane shell eggs

Percentage purchased :

100

Comments :

Currently searching for a source of Certified Cage-Free & Humane liquid eggs, goal of finding them by 2015

Type of confinement-free product purchased (1st product) :

Local, free-range beef burgers & steaks

Percentage purchased (1st product) :

Comments (1st product) :

All burgers and steaks served on campus are grass-fed, local and free range. Still working on sourcing bulk ground beef (for chili soup, etc.) confinement-free

Type of confinement-free product purchased (2nd product) :

Local, free-range

Percentage purchased (2nd product) :

Comments (2nd product) :

Dining Services is committed to sourcing 100% confinement-free pork by 2015

Type of confinement-free product purchased (3rd product) :

Percentage purchased (3rd product) :

Comments (3rd product) :

Type of confinement-free product purchased (4th product) :

Percentage purchased (4th product) :

Comments (4th product) :

Vegetarian-Fed Food Purchases

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

Criteria

Institution provides details of its vegetarian-fed animal product purchases.

"---" indicates that no data was submitted for this field

Type of vegetarian-fed product purchased (1st product) :

Local, grass-fed beef for all burgers and steaks

Percentage purchased (1st product) :

Comments (1st product) :

Percentage purchased is still being calculated. Still looking for a source for bulk ground beef that is grass-fed

Type of vegetarian-fed product purchased (2nd product) :

Percentage purchased (2nd product) :

Comments (2nd product) :

Type of vegetarian-fed product purchased (3rd product) :

Percentage purchased (3rd product) :

Comments (3rd product) :

Type of vegetarian-fed product purchased (4th product) :

Percentage purchased (4th product) :

Comments (4th product) :

Type of vegetarian-fed product purchased (5th product) :

Percentage purchased (5th product) :

Comments (5th product) :

Hormone-Free Food Purchases

Responsible Party

Jill Duncan

Director of Marketing and Communications
Dining Services, Bon Appétit Management Company

Criteria

Institution provides details of its hormone-free animal product purchases.

"---" indicates that no data was submitted for this field

Type of hormone-free product purchased (1st product) :

Milk & Yogurt

Percentage purchased (1st product) :

100

Comments (1st product) :

Type of hormone-free product purchased (2nd product) :

Pork

Percentage purchased (2nd product) :

Comments (2nd product) :

Percentage is still being calculated. Dining Services sources a good amount of pork from a local, free range pork farmer who does not use hormones

Type of hormone-free product purchased (3rd product) :

Cheese

Percentage purchased (3rd product) :

Comments (3rd product) :

Percentage is currently being calculated. We source a number of our cheeses from local, sustainable producers who don't use hormones

Type of hormone-free product purchased (4th product) :

Local, grass-fed RGBH-free burgers and steaks

Percentage purchased (4th product) :

Comments (4th product) :

Percentage is still being calculated. Still looking for a source for bulk ground beef for items like chili

Type of hormone-free product purchased (5th product) :

Poultry

Percentage purchased (5th product) :

100

Comments (5th product) :

Seafood Purchases

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details of seafood products purchased that meet Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines.

Submission Note:

For more information, visit
<http://www.cafebonappetit.com/sustainability/seafood>

"--- " indicates that no data was submitted for this field

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (1st product) :

All seafood

Percentage purchased (1st product) :

100

Standard used (1st product) :

Monterey Bay Aquarium Seafood Watch Guidelines

Comments (1st product) :

All seafood served on campus meet the Monterey Bay Guidelines, including but not limited to, salmon, trout, tilapia, shrimp, lobster, scallops, calamari and crab

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (2nd product) :

Percentage purchased (2nd product) :

Standard used (2nd product) :

STARS Reporting Tool | AASHE | Sierra Magazine

Comments (2nd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (3rd product) :

Percentage purchased (3rd product) :

Standard used (3rd product) :

Comments (3rd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (4th product) :

Percentage purchased (4th product) :

Standard used (4th product) :

Comments (4th product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (5th product) :

Percentage purchased (5th product) :

Standard used (5th product) :

Comments (5th product) :

Dishware

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details of the dishware its provides at its dining services locations.

Submission Note:

At the majority of campus cafes, the napkins are made of recycled content, the paper to-go boxes do not have post-consumer content but do utilize rapidly renewable resources (traditional tree-derived paper alternatives), clear plastic salad containers are corn-based PLA plastic and to-go water cups are compostable. In one campus cafe, all serviceware is compostable.

We are beginning to roll-out post-consumer composting on campus, and have begun to pilot zero-waste events, for which we use all compostable serviceware.

"---" indicates that no data was submitted for this field

Does the institution offer reusable dishware at its dining services locations? :

Yes

Does the institution offer plastic dishware at its dining services locations? :

Yes

Does the institution offer polystyrene (Styrofoam) dishware at its dining services locations? :

No

Does the institution offer post-consumer recycled content dishware at its dining services locations? :

No

Does the institution offer biodegradable / compostable dishware at its dining services locations? :

Yes

Does the institution offer other types of dishware at its dining services locations? :

Provide a brief description. :

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details about its energy initiatives.

Submission Note:

We do not use the Energy Star label

"---" indicates that no data was submitted for this field

The percentage of total building space square footage that has undergone energy retrofits or renovations within the past three years :

47

The percentage of overall energy consumption reduced as a result of retrofits and renovations completed within the past three years :

0

The percentage of electricity consumption reduced as a result of retrofits and renovations completed within the past three years :

0

The percentage of thermal energy consumption reduced as a result of retrofits and renovations completed within the past three years :

0

The combined gross square footage of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

0

The names of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

N/A

The combined gross square footage of all buildings that are ENERGY STAR labeled :

0

The names of all buildings that are ENERGY STAR labeled :

N/A

Energy Use by Type

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution reports its energy use by type.

"---" indicates that no data was submitted for this field

The percentage of total electricity use from coal. :

76

The percentage of total electricity use from wind. :

0

The percentage of total electricity use from biomass. :

0

The percentage of total electricity use from natural gas. :

1.20

The percentage of total electricity use from solar PV. :

0

The percentage of total electricity use from geothermal. :

0

The percentage of total electricity use from nuclear. :

19

The percentage of total electricity use from hydro. :

3.60

The percentage of total electricity use from other. :

0.20

Provide a brief description. :

We receive our electricity from Ameren Missouri, who has reported to us the above breakdown

The percentage of total energy used for heating buildings from coal. :

0

The percentage of total energy used for heating buildings from biomass. :

0

The percentage of total energy used for heating buildings from electricity. :

0

The percentage of total energy used for heating buildings from natural gas. :

100

The percentage of total energy used for heating buildings from geothermal. :

The percentage of total energy used for heating buildings from fuel oil. :

The percentage of total energy used for heating buildings from other. :

Provide a brief description. :

If cogeneration, please explain. :

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details about its procurement efforts.

"---" indicates that no data was submitted for this field

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories) :

100

Does the institution have a policy to purchase ENERGY STAR appliances whenever possible? :

Yes

The percentage of expenditures on Forest Stewardship Council (FSC) certified office paper (US/Canadian dollars) :

100

Does the institution's vendor code or policy require vendors to use less packaging? :

Yes

Bike Sharing

Criteria

Institution reports the number of bicycles available through bike sharing programs.

"---" indicates that no data was submitted for this field

The number of bicycles available through bike sharing programs :

Water Initiatives

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details about its water initiatives.

"---" indicates that no data was submitted for this field

Is there is a ban or restriction on selling or distributing bottled water on campus? :

Yes

Provide a brief description of any bottled water ban or restriction :

The WUSTL Bottled Water ban was the first in North America and bans the sale of bottled water in campus eateries, stores and vending machines.

Does the institution meter any of its non-potable water usage? :

No

The percentage of urinals on campus that are waterless :

0

Endowment

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution provides details about its endowment.

Submission Note:

For those shareholder resolutions which we vote, a university committee makes recommendations to the investment office, which makes the final decision. The committee does include student representatives, as well as university faculty members and administrators and has periodic open meetings.

"---" indicates that no data was submitted for this field

The institution's total endowment market value as of the close of the most recent fiscal year :

5545337498 US/Canadian \$

Date as of :

Aug. 1, 2011

Does the institution offer donors the option of directing gifts to an investment fund that considers environmental/sustainability factors? :

No

If yes, or if currently under consideration, provide a brief description :

Has the institution made investments in on-campus energy and/or water efficiency projects through the endowment (as an endowment investment and not a payout or using operating budget funds) :

No

Size of capital commitments made within past 3 years :

Provide a brief description :

Does institution lack the ability to vote proxies on environmental and social resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)? :

No

Does the institution lack the ability to vote proxies on corporate governance resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)? :

No

Do investment managers handle the details of proxy voting on environmental and social resolutions? :

No

Do investment managers handle the details of proxy voting on corporate governance resolutions? :

No

Are investment managers provided with general guidelines that determine proxy votes on environmental and social resolutions? :

Yes

Are investment managers provided with general guidelines that determine proxy votes on corporate governance resolutions? :

Yes

Are investment managers provided with specific guidelines that determine proxy votes on environmental and social resolutions? :

No

Are investment managers provided with specific guidelines that determine proxy votes on corporate governance resolutions? :

No

Does a single administrator determine proxy votes on environmental and social resolutions? :

No

Does a single administrator determines proxy votes on corporate governance resolutions? :

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on environmental and social resolutions? :

Yes

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on corporate governance resolutions? :

Yes

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy votes on enviromental and social resolutions? :

Yes

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy votes on corporate governance resolutions? :

Yes

Is institution community feedback incorporated into proxy voting decisions on environmental and social resolutions through town hall meetings or a website? :

Yes

Is institution community feedback incorporated into proxy voting decisions on corporate governance resolutions through town hall meetings or a website? :

Yes

Sustainability Staffing

Responsible Party

William Fischer
Fellow
Office of Sustainability

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

Submission Note:

This is for the summer of 2012

"---" indicates that no data was submitted for this field

The amount of weekly time worked by people employed in the sustainability office (in full-time equivalent) :

6.50

FTE staff on payroll :

2.50

FTE student intern/fellow :

4