

CHAPTER 2

Campus Environmental Awareness Survey

Green ROUTES conducted a survey in an effort to gain knowledge of the understanding and concern for environmental issues that the people who live and work on campus have. It is most important to hear about the needs and concerns of the people who are directly part of the Colby-Sawyer College community. Our primary resource for development and analyzing the survey was:

Fink, Arlene. The Survey Handbook. Thousand Oaks, CA: Sage, 2003.

Respondents included 248 students, 97 staff and 45 faculty. Below is a summary of the results and the complete findings can be found in the following pages.

One issue that Green ROUTES asked about in the survey was recycling. The goal was to find out how many people currently make an effort to recycle on campus and what would help to improve their current recycling efforts. For the most part, the people who participated in the survey said that they make an effort to recycle, however there was a surprising number of people who said that they made no effort at all. One could assume this is due to the fact that most recycling bins on campus are hidden in academic buildings because they are not aesthetically pleasing to some, and they are placed only in one location in the dorms. When asked what would make them more likely to recycle, the majority of respondents in each group said that having more bins in more places around the campus, which would make recycling more convenient for everyone. One student commented: "Adding recycling bins next to every trash can (or nearly every trash can) would make recycling easier and more accessible to everyone, since it would be just as easy to toss a glass bottle or aluminum can into a recycling bin as it is to toss it into a trash can."

Green ROUTES also hopes to have all of the printer paper that is used on the Colby-Sawyer campus be 100% recycled. Because the group has already determined that the cost would only be about \$4 extra per student, this is definitely a possibility. The respondents in all categories of the survey all agreed that they would like to see this change as well. Most students were also supportive of the use of e-documents as opposed to printing papers and messages in order to save more paper and be more efficient. The majority of faculty agreed as well, as did nearly 100% of staff. This could be something to seriously consider.

While putting together the survey Green ROUTES also asked about people's willingness to get involved with a greening initiative and there was a large amount of support from staff who said that they would get involved. The majority of faculty and students also agreed that they would take part in making green changes around campus. There was quite a bit of support from respondents who are excited about the idea of incorporating green designs into future building projects on campus and also looking into the possibility of alternative energy sources over the next ten years. These are two possibilities for the school that would make a big difference in the ecological foot print of

the college and could save the college a substantial amount of money over a period of time. This would also help improve the health and productivity of people on campus if they were working and living in a healthier environment.

Overall, the results of the survey are very promising both in terms of the number of respondents and the general supports expressed for green initiatives. Hopefully there will be some changes made that will help the college community become a better place.

Summary of Student Results:

- 78 % of students recycle
- 56 % are not sure if their computer is set to maximum energy savings
- 78% of the students want to switch to 100% recycled paper
- 196 out of 248 students say no to prohibiting the use of personal refrigerators in rooms and offices in order to promote the use of common area refrigerators and greater energy efficiency.
- 53% would be willing to pay an additional \$25 a year to support a Green Fund
- 80% agree to using a reusable mug
- 83% of students want to switch to a double sided printer

A few comments that students offered:

- “There needs to be a change in the culture of the college environment. People should be made aware of their impact and how they can change their ways without it being an inconvenience.”
- “Some type of energy efficient lighting/heating system for the dorms. Students waste all too much energy with these two. Give out a small, but enticing scholarship for green living, and contributions to the cause\effect.”

Summary of Faculty Results:

- When asked if Colby-Sawyer should spend an extra \$3 per student to switch to 100% recycled paper, 27 out of 45 faculty strongly agreed, 14 agreed, 4 had no opinion, and none disagreed or strongly disagreed.
- Out of 45 faculty members, 29 strongly agree, and 11 agree that, over time, we should switch to double sided printing.
- 87% would agree or strongly agree to separate food waste items in the cafeteria to support a composting program.
- 56% would be willing to support a \$25 payroll deduction to support a green fund at Colby-Sawyer; 29% disagreed or strongly disagreed.
- 87% would agree or strongly agree to eliminate all disposable Styrofoam and plastic containers from the dining room.
- 76% do not know if their computers are set for maximum energy savings or not
- 91% either agreed or strongly agreed that Colby-Sawyer should set a goal to use alternative energy sources to meet at least 25% of campus energy needs in the next ten years, if costs are neutral or will save money.
- 87% currently make an effort to recycle cans, bottles, and paper on campus.
- 98% of respondents have heard of green building design; 36 strongly agree, and 8 agree that Colby-Sawyer should incorporate green design in future buildings on campus.

Some comments that faculty offered:

- “Ongoing environmental education is vital.”
- “For the school to become more environmentally friendly, it has to be a cultural change for students, faculty, and staff.”

Summary of Staff Results:

- 55% support using alternative energy in the future of the college
- 91% are familiar with green design and green buildings
- 89% currently participate in recycling of cans, bottles and paper on campus!
- 39% would like more clearly marked bins on campus
- 75% would like more bins in more places on campus
- 60% agree with incorporating green designs into future construction or renovation projects on campus.

Some comments that staff offered:

- “The school needs to commit to becoming a Green campus.”
- “Offer an environmental literacy workshop for faculty and staff.”
- “I’d love to see CSC look into offsetting their energy use with green credits.”
- “Work with a local organic gardener and add these foods to the dining plan.”
- “I strongly support the composting idea as top priority.”

Student Responses

Survey Key: ZS58318

The number of people who took this survey by 5/21/2007 11:59:20 AM is: 248

The purpose of this survey is to raise awareness of environmental issues, evaluate current knowledge, and to gauge support for environmental initiatives. This survey is being sent to all students, faculty and staff at Colby-Sawyer College. The survey is completely anonymous and voluntary. You may withdraw and discontinue at any point. The survey will take approximately 10 minutes to complete. This survey is being sent by students in CES 301 (Stephanie Goggin, Alexa FitzGerald, Brian Valle, Anna Clark, Chris McClellan, Kris Ramsay, Geoff Pushee, Stephanie Seavy, and Sean Wheeler) as part of project GreenROUTES (Redirecting Our CampUs Towards Environmental Sustainability). If you have any questions about this survey or project GreenROUTES, please contact us at GreenROUTES@colby-sawyer.edu or contact our faculty advisor, Dr. John Callewaert, jcallewaert@colby-sawyer.edu, 526-3793.

1. What year are you (check one)?

- [86] Freshman/first year
- [51] Sophomore
- [48] Junior
- [59] Senior

2. Have you ever taken SCI: 120 Environmental Issues, an Environmental Literacy Course as part of the Liberal Education Program, or a Community and Environmental Studies course (CES)?

- [69] Yes
- [177] No

3. In your opinion, is it better if campus trash is sent to a ...

- [51] Landfill
- [77] Incinerator
- [118] Don't know

4. Do you currently make an effort to recycle the cans, bottles, and paper you use on campus?

- [190] Yes

[55] No

5. Would you be more likely to recycle if Colby-Sawyer College had... (Check all that apply)

- [215] More bins in more places
- [148] Recycling bins in each room
- [128] More clearly marked bins
- [119] Recycling incentives

6. At the end of the academic year, the “drop and swap” program provides students with the opportunity to give away and reuse furniture and other residence hall room items. Have you participated in “drop and swap” program?

- [76] Yes
- [168] No

Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly agree	Agree	No opinion	Disagree	Strongly Disagree
7.	Expand the “drop and swap” program to a year round activity.	<input checked="" type="checkbox"/> [45]	<input checked="" type="checkbox"/> [112]	<input checked="" type="checkbox"/> [75]	<input checked="" type="checkbox"/> [11]	<input checked="" type="checkbox"/> [1]
8.	Eliminate all disposable products (styrofoam and plastic containers, etc.) from the dining room.	<input checked="" type="checkbox"/> [40]	<input checked="" type="checkbox"/> [73]	<input checked="" type="checkbox"/> [48]	<input checked="" type="checkbox"/> [66]	<input checked="" type="checkbox"/> [17]
9.	Develop a policy requiring energy efficient models (compact florescent light bulbs, energy efficient computers, etc.) for all new college purchases.florescent light bulbs, energy efficient computers, etc.) for all new purchases?	<input checked="" type="checkbox"/> [80]	<input checked="" type="checkbox"/> [95]	<input checked="" type="checkbox"/> [50]	<input checked="" type="checkbox"/> [15]	<input checked="" type="checkbox"/> [3]
10.	Prohibit the use of personal refrigerators in rooms and offices in order to promote the use of common area refrigerators and greater energy efficiency.	<input checked="" type="checkbox"/> [6]	<input checked="" type="checkbox"/> [15]	<input checked="" type="checkbox"/> [26]	<input checked="" type="checkbox"/> [99]	<input checked="" type="checkbox"/> [97]
11.	Develop a compost program for food waste – meaning you would take the	<input checked="" type="checkbox"/> [49]	<input checked="" type="checkbox"/> [101]	<input checked="" type="checkbox"/> [45]	<input checked="" type="checkbox"/> [41]	<input checked="" type="checkbox"/> [9]

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	time to separate items for composting as you left the dining room.					
12.	Promote the use of free reusable mugs when taking coffee out of the cafeteria. The mugs would be washed and sanitized by dining services.	<input type="checkbox"/> [89]	<input type="checkbox"/> [106]	<input type="checkbox"/> [34]	<input type="checkbox"/> [14]	<input type="checkbox"/> [2]
13.	Remove common area refrigerators in order to save energy and money. An audit of common area refrigerators on campus revealed very little use.	<input type="checkbox"/> [46]	<input type="checkbox"/> [85]	<input type="checkbox"/> [55]	<input type="checkbox"/> [48]	<input type="checkbox"/> [11]

14. Is your computer set for maximum energy savings?

- [78] Yes
- [29] No
- [137] Don't know

It has been estimated that each year we use about 2.5 million sheets of paper on campus and that number has been rising over the past couple of years.						
Please state your opinion on the following. Colby-Sawyer College should...	Please select one:					
	Strongly agree	Agree	No Opinion	Disagree	Strongly Disagree	
15.	Over time, switch to double sided printing to cut down on paper use.	<input type="checkbox"/> [97]	<input type="checkbox"/> [107]	<input type="checkbox"/> [27]	<input type="checkbox"/> [14]	<input type="checkbox"/> [0]
16.	Instead of personal or desktop printers, shift to more of a network printer environment allowing double-sided printing rather than a personal printer environment (generally one-sided printing) in order to conserve paper and energy. The printers would be in high use areas such as the library, Colgate, Ivey and Ware.	<input type="checkbox"/> [59]	<input type="checkbox"/> [83]	<input type="checkbox"/> [49]	<input type="checkbox"/> [43]	<input type="checkbox"/> [8]
17.	Give students a set amount of pages to print each semester (500 sheets for example) and charging a small fee for additional printing beyond that allotment.	<input type="checkbox"/> [16]	<input type="checkbox"/> [35]	<input type="checkbox"/> [20]	<input type="checkbox"/> [88]	<input type="checkbox"/> [84]

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18.	Promote greater use of e-documents (student papers, office memos, etc.) instead of printed documents.	<input type="checkbox"/> [61]	<input type="checkbox"/> [107]	<input type="checkbox"/> [43]	<input type="checkbox"/> [23]	<input type="checkbox"/> [7]
19.	Another estimate has shown that it would cost less than \$3 per student per year to shift to 100% recycled paper from the 30% recycled paper that the college currently uses. Colby-Sawyer College should spend the extra money and make the shift.	<input type="checkbox"/> [102]	<input type="checkbox"/> [90]	<input type="checkbox"/> [41]	<input type="checkbox"/> [9]	<input type="checkbox"/> [1]

20. Are you familiar with the term green design or green buildings (buildings that utilize energy conservation, alternative energy sources, recycled and/or non-toxic materials, etc.,)?

[159] Yes

[81] No

Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly Agree	Agree	No opinion	Disagree	Strongly disagree
21.	Incorporate green designs into future construction or renovation projects on campus if costs are neutral or if green designs will save money over time.	<input type="checkbox"/> [91]	<input type="checkbox"/> [94]	<input type="checkbox"/> [55]	<input type="checkbox"/> [3]	<input type="checkbox"/> [1]
22.	Set a goal of utilizing alternative energy sources such as wind, solar or biofuels to meet at least 25% of campus energy needs over the next 10 years if costs are neutral or will save money over time.	<input type="checkbox"/> [86]	<input type="checkbox"/> [105]	<input type="checkbox"/> [48]	<input type="checkbox"/> [3]	<input type="checkbox"/> [1]
23.	Require all students to take an Environmental Literacy course as part of their education at Colby-Sawyer College.	<input type="checkbox"/> [58]	<input type="checkbox"/> [54]	<input type="checkbox"/> [59]	<input type="checkbox"/> [51]	<input type="checkbox"/> [22]
24.	I am willing to get involved in the implementation of new ideas in creating a green campus.	<input type="checkbox"/> [43]	<input type="checkbox"/> [81]	<input type="checkbox"/> [85]	<input type="checkbox"/> [28]	<input type="checkbox"/> [5]

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Several colleges have established GreenFunds. These are student, faculty and staff supported funds set up to promote environmentally friendly practices on and around campus. For example, GreenFunds could be used to purchase more energy efficient light bulbs, finance the shift to 100% recycled paper, or purchase additional energy efficient replacement windows for residence halls, offices and classrooms. Over time the fund could be self sustaining or phased out based on savings gained.

Students: Please state your opinion on the following:	Please select one:				
	Strongly agree	Agree	No Opinion	Disagree	Strongly disagree
25. I would be willing to pay an additional \$25 in tuition to establish a GreenFund at Colby-Sawyer.	<input checked="" type="checkbox"/> [62]	<input checked="" type="checkbox"/> [68]	<input checked="" type="checkbox"/> [65]	<input checked="" type="checkbox"/> [36]	<input checked="" type="checkbox"/> [13]

26. What other ideas or comments would you like to share about reducing Colby-Sawyer College's environmental impact or improving the quality of the environment on campus?

[N/A]

[encourage recycling get rid of styrofoam put paper recycling bins in all dorms and bottle recycling on all floors make taking the campus newspaper an option instead of giving to everyone in the mail since most are thrown away]

[I think we take advantage of this gorgeous location and do not think about the impacts we have on this environment. I would be willing to contribute to any environmental causes the school chooses to support.]

[Keep New Hampshire Beautiful!]

[I think it will take more of an effort of everyone on campus to make the change. Simply by changing the environment we are in isn't going to change the behaviors of the students on campus.]

["Give students a set amount of pages to print each semester (500 sheets for example) and charging a small fee for additional printing beyond that allotment." If you were to do this ... It is very important that all professors are also allotted a certain amount of pages per year/semester. It is a well known fact around campus they use far more paper than us. Also more electronic data, online assignments and such,, homework never needs to leave blackboard. We should have glass, plastic, paper, and tin recycling in every building. I know in mine, living on the first floor I always see people throwing away cardboard boxes in the trash can when the paper recycling is RIGHT NEXT to it... WE NEED to educate the younger students on this. The sophomore year pathways are going on, perhaps you guys, knowing more than average on the subject should go in and talk to each pathways about recycling bring them some data. It may be a good idea.]

[I think most people know enough about the environment to know we need to do something but there are not enough easy things for us to do on campus. everyone needs a refrigerator, for personal things in their room like beer. i think recycling bins in each room would be a good idea i would use that, and then if tuition money is used i wouldnt know the effects because if you charged an extra \$25 thats a fraction

of the increase in tuition every year.]

[Recycled paper used on campus should be 100% post-consumer recycled paper. All lights should be turned off when not in use. For ex) in corridors/hallways where there is little traffic and on lamp lights outside during the daylight hours.]

[Make any initiatives widely advertised on campus and in the community (such as the Gore movie last semester). Also, the CES department should make extra-curricular activities mandatory for all students in CES related courses (not all activities, but at least a certain amount). Brainstorm more in CES courses as to what activities could be held on campus that would promote awareness of environmental issues and initiatives.]

[I would be more than happy to print my papers on both sides, but as you mentioned none of the printers on this campus do this. There was one in Mercer a few years ago but they upgraded its software and now it doesn't print on both sides anymore.

Maybe IR should automatically set each printer to print on both sides. I see very few objections coming from people unless it was to print a very format document/report. The coffee cup idea is good too. Many people take the styrofoam cups just because they're more convenient and they don't want to worry about washing/carrying it around w/ them all day long.]

[Adding recycling bins next to every trash can (or nearly every trash can) would make recycling easier and more accessible to everyone, since it would be just as easy to toss a glass bottle or aluminum can into a recycling bin as it is to toss it into a trash can. I also think something really needs to be done about the amount of styrofoam cups that the dining hall goes through on a daily basis. I don't think students would respond well to using returnable mugs, but maybe finding cups that were made of recycled paper rather than styrofoam could be extremely helpful - it would be a relatively small change that I don't think students would have a problem with. Although I don't know how much more it would cost to buy these paper cups rather than styrofoam ones, I think it would definitely be worthwhile.]

[We need to further increase awareness on campus about things like environmental sustainability.]

[I believe that it is the mind set of the students and faculty that needs to change. One way to ensure this change is to make sustainability or environmental awareness apart of orientation.]

[Let's Compost! get recycled paper!- lets do something!!! I am embarrassed about how CSC is so environmentally un-friendly when I hear friends at other schools like Green Mtn and UVM talk about how their schools are going green.]

[Colby-Sawyer should be purchasing produce, dairy, eggs and meat products from local area farmers to help reduce the food miles to the campus, and to support our community. Ventilation and heating in large buildings should be redesigned not to heat hallways at the perimeter of the building. Outside lamps are often on, even in the day. That needs to be changed. There are far too many lights on in the library. All through the break lights in the library and Ivey remained on. A governor (internal measurement/restriction device) should be used to limit hot water to showers. Recycling sucks- it is for suburban middle class to feel good about themselves. Refuse, Reuse and at the very least, recycle.]

[I strongly agree with the idea of developing a compost program at the school. Too

much food is being thrown out every day.]

[none now]

[There needs to be change in the culture of the college environment. People should be made more aware of their impact and how they can change their ways with out it being an invonvenience. There should be written policy submitted to the college administration outlining ideas for improving our campus.]

[I know this would be impossible, but try to limit the time people spend in showers, many times people are taking showers that are over 5 minutes long which is wasting massive amounts of water.]

[Make students more aware of the amount of energy used by the campus and make it a point for students to shut off lights and other electrical appliances when not in their rooms]

[More recycle bins]

[Maybe having lights that would come one with sensors. It seems that during the night there are a lot of lights that are left on. I realize that for safety issues there need to be lights but it seems like a waste to have so many lights on all night.]

[I feel that if the cafeteria food were more tasteful, we would not throw as much away. I would definitely be willing to add a compost bucket to the dining room dish area.]

[I am not sure if going to all recycled material is the best idea. I have heard a lot of negative things about the polution that comes from the factories that recycle our trash. Also, if the cafeteria gets rid of the styrofoam cups, they better replace them with reusable cups that we can take with us, or maybe provide each student with a commuter cup at the beginning of each school year. It can't cost that much, and for the almost \$40,000 a year that we pay to go here. This survey does not provide students with any information. To ask us if we are willing to pay more is non-sense!]

[I feel that lights in buldings late at night should be turned off. The art center is not being used at 3am. Also, the idea of having reuseable coffee cups in the dining hall is something that could reduce the school's use of styrofoam. I feel that the school should work harder to be environmentally friendly.]

[Going Green can be a delicate matter. I think it is very useful to your project to promote environmental awareness amongst the student population. I think a tangible example sustainability in action can do much to promote environmental awareness on campus. You might consider a sewage waste disposal system like one that exists at Darrow School. Darrow, a small boarding school near Albany, NY, has integrated sustainable models into the social, economic and environmental aspects of the school. You can check out their website darrow.school.com and click the sustainability link. I have personal link to Darrow and encourage the greenroutes team to visit as this could be a very useful model for colby-sawyer. Contact me at dclemens@colby-sawyer.edu or Craig Westcott at westcott@darrow.school.org to find out more.]

[Restricting the number of people who can have cars on campus,therefore supporting carpooling and interaction with others.]

[Rooke needs a huge recycling bin outside near the trash bin for both plastics and cardboard]

[~Set up a place for off campus students to return recyclables]

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[Anything that can reduce Colby's negative impact on the environment should be implemented.]

[None]

[Some type of energy efficient lighting/heating system for the dorms. Students waste all to much energy with these two. Give out a small, but inciting scholarship for green living, and contributions to the cause\effect.]

[I think that the increase of recycling facilities and bins is the easiest thing that we can change, and will have the greatest amount of cooperation among students. I also think it is important to encourage the recycling of paper. Not everyone realizes that virtually everything can be recycled.]

[I feel that all of our bottles that we "recycle" are put back into the trash. I have seen one instance where this has happened at CSC, and from then on I have lost incentive to go out of my way to "recycle" at school.]

[Disourage SUVs and Hummers on campus.]

[bins at the end of the semester to recycle paper, such as notebooks folders and work from the semester, as a good amount of students just throw these paper products again]

[i think our main concern shuld be with global warming and what we can do to help with that.]

[Selling the Campus safety Explorer and buying a smaller truck or all wheel drive car!!!!***!!! Hallway lights on timers or dimmed during daylight hours Teacher's restricted on excess printed documents Giving extra products from Cafeteria to local charities daily (like loaves of bread, soups and desserts)]

[I think that there should be communal printers (such as suggested above), but that they should be located at least one per floor of every residence hall. People will be much more likely to use them if they are conveniently located than if they have to walk across campus to use them, especially during cold weather.]

[Require teachers to have a limit on the amount of paper they use per course per semester. Teachers regularly print out multiple copies from books that are well over 20 pages of paper.]

[I know in Germany they separate different types of trash for recycling; that would be kinda cool here too.]

[Putting up more signs around campus promoting the benefits of recycling. Make it beneficial to the dorms to recycle such as the dorm, suite, floor,etc. got something extra at the end of the year for being the ones that recycled the most. If you make it worth wild for the students to recycle then they will be more willing to recycle later. After a period of time it will become more of a habit to recycle. Also if a student uses their card to get something from the vending machines, then after so many swipes and money spent they could get something in return by recycling those bottles they got out of the machines. If you think as if you were a business major and thought what recycling can do for you then you will be able to get more people involved. Gradually the school will come around and be more willing to do things in effort to recycle.]

**[YOU ASK FOR MORE MONEY TO ACHEIVE MANY OF YOUR GOALS
WHY IS IT SHIFTED TO US THE STUDENTS TO PAY FOR THESE THINGS
THAT COULD BE DONE IN ALTERNATIVE. HAD THE BUILDINGS BEEN**

UPGRADED SOONER WITH NEW WINDOWS THE MONEY SAVED FROM THAT COULD BE UTILIZED FOR RECYCLED PAPER AND SUCH! I AM NOT AT ALL HAPPY THAT SOMEONE MIGHT GET AN EXTRA DOLLAR FOR MY MONEY THAT I DON'T HAVE. PLEASE SHIFT MONEY DON'T KEEP ASKING FOR MORE. ESPEACIALLY TO DO THIS. BUT DO IT NONE THE LESS]

[Rather than charging us MORE money (as if 36,000 a year isn't enough), take money away from areas that don't necessarily use it and put it towards recycling.]

[Recycling is largley a unsuccessful practice. In theory it works well, but the fact is many of our landfills are NOT full, and recycling anything but aluminum generates toxins that are worse for the environment (Watch Penn & Tellers BS show on recycling). Also we dont have a shortage of trees for paper, in fact most of the paper used in the US is made from tree farms. The recycling programs are definety unnecessary.]

[less paper ussage, definatly agree on paying three dollars extra to have 100% recycled paper!]

[I recently spent a semester abroad in Europe and they had water-efficient toilets that had two flush options; one was for feces and the other was for urine. The one for feces appropriately used more water while the one for urine used much less. Something like that might be worthwhile, as it would not only use less energy but cost less as well.]

[I see a lot of people throwing paper in trash cans because there is no recycling bin on their floor, and they don't want to walk down stairs just to recycle. If there was a recycling bin on each floor, I think that more people would participate in saving our environment!]

[In europe, their design is to promote recycling though high cash deposits for each plastic bottle. For example, there are .25 euro cash deposit for each bottle, read though a machine in a supermarket, and then given a reciept depending on the amount of bottles deposited. The ticket was then taken to the cash registrar and immedietly deposited. If this concept was somehow applied in the bookstore, (as it was in the supermarket) the money would most likely stay in the book store as people are most likely spend it as soon as they get their cash. (this is the same concept as coin stars in Shaw's, because studies found people would get the cash and then spend it in the same building. This could be an excellent reason to get the college to fund for this, as most of the money would just stay with the college, via the book store.]

27. Additional Comments:

[N/A]

[I think this program is a great idea and I wish you guys luck!]

[I was actually just having a conversation with a friend of mine the other day about how Colby-Sawyer should be more energy efficient. I'm not 100% knowledgable on all the GreenFunds and what not but I definately think that light bulbs and recycled paper would be a huge step.]

[I like the idea of removing styrofoam from the cafeteria, however there must be an

alternative available. If the dining room truly sanitizes the mugs that would be a good idea, otherwise you worry about infection control.]

[im willing to do small things to help but im a lazy kid and wont go out of my way to do all that much so as long as the changes ae convenient ill help for sure.]

[Alternative energy sources for the campus should be implemented quickly instead of over a 10 year period. Also, we should aim our sights higher and try for 50%-75% of our energy needs to be met by alternative sources, not just 25%. There are so many resources that could help us achieve these goals quickly and at low cost. Changes need to be made now for the protection of our global environment.]

[I think the recycling issue is a big one. If there were bins in each suite or on each floor, students would be more likely to separate recycled items from trash. I realize the issue is that this makes more work for the facilities staff. However, I believe if students have a convenient place to recycle they would be willing to occasionally take the bin from their floor or suite and empty it into the right containers placed somewhere on the first floor of each building. This way facilities would only have to collect from one spot in each building. Students would be responsible for getting the items in their bins to this common area.]

[Thanks! I would love to see an organic garden on campus, which could supply the Lodge with organic food for an organic alternative menu. The garden would also provide opportunities for greenhouses and other areas to educationally explore.]

[as students- we need help (environmentally) - show us the way. i want to help out the environment, but I don't really know how to- and i don't see how my effort will really make an impact at CSc if I am the only one trying to change things.]

[Colby-Sawyer needs to reduce lawns. Landscaping creates a lot of CO2. All new paints should be off-gas free. All new building materials should be from sustainably farmed woods, formaldehyde- glue based free, etc etc. Halways should not be lit during the day with lightbulbs, windows and natural lights would be better.]

[Goodluck on your project!!]

[At home (in CT) we recycle cans for 5 cents each and newspapers. Because I am used to recycling at home, I wouldn't mind recycling. However, recycling bins are only on the first floor of the halls and generally inconveniently placed. I think there should be bins on all floors as well as different bins for different things (e.g. cans, glass, paper)]

[I think that the school should require everyone to take the Environmental Issues class because it makes students more aware of the issues that we face.]

[#5, the recycling bins in each room...I think this would be particularly helpful in Lawson, Danforth, and Rooke in each suite/apartment. I feel it would dramatically increase the rates of recycling in these three buildings.]

[And as for charging the students for printing paper, I receive more crap from professors than I print out on my own using my own paper and ink that I buy for myself. Before we start charging students for paper, make sure the professors are not requiring us to print out documents for "required" reading... isn't that we we spend \$500 a semester on at the bookstore for? And maybe start requiring all teachers to take a course on how to use Blackboard. It is a wonderful tool that many do not utilize to the best that they could be.]

[None]

[This is a great survey. Students do not often think about these things and taking the time to make them think is beneficial.]

[Thanks for doing this!]

[Thanks for the survey, continue the good work toward a more green CSC!!]

[I would very much like to see an increase in the number of recycling areas in dorms. I know many people who would be much more likely to use the recycling centers if they were more readily accessible, or if they were promoted more; some people just aren't aware of them!]

[You can't expect students to pay more for some of the conservation programs. not unless they are willing to reduce tuition...or use tuition money for such purposes.]

[Teachers in some classes require students to print out pages for an assignment. At the same time, there is a push that will require students to pay per page that they have to print off. this seems like a double standard that will deeply affect many students at Colby-Sawyer. Instead, push for teachers to use e-files, or allow students to print school-related work for free, since they have no choice.]

[This was a pretty sweet idea. I hope everything goes well for the next generations of CSCers and the Green Fund, as I graduate this year; though I wish I could have participated further in it. Thanks!]

[Improving the waste of the cups in the cafe. Promoting the use of the recycling areas that are in place already. If the recycling bins are not in each room ,then they should be by each trash barrel. One for the plastics and cans and another for the cardboard and paper products. It could be one requirement by the RA's to have to do a program on an environmental topic to inform the students. Also their should be a drop off area for students to put empty ink cartridges to be recycled instead of throwing them away. The staff can bring them to purchasing, then the students should also be able to bring them there or to some other drop off areas like the recycling areas.]

[The environment is melting away, bit by bit. And it is our civil duty to do something about it!!]

[dont make the students pay money]

[Janie Chase is a dear friend of mine and author of a book on how to keep campuses environmentally friendly, I think she would be an excellent source for COLby Sawyer to consider, I can try and ask to have her come up from NEw york in order to scedual a lecture on her book and terrific knowledge on this topic.]

[PLEASE DO NOT TAKE AWAY OUR RIGHT TO HAVE PERSONAL FRIDGES IN OUR DORM ROOMS, GET RID OF THE REGULAR SIZED ONES IN THE KITCHENS]

[Also in Europe, they had three way depositing bins. Right outside of the college or apartments etc... No one wants to separate each piece of material, because people are lazy and there is honestly no where to put it. However, if there were a multiple depositing area, in a Single bin, it would bring an awareness as well as incorporate laziness, and allow students to just walk right outside their rooms and deposit bottles from metal, to plastic, to glass, and finally trash in the middle or separate bin. Its like those Books "For Dummies." If someone has to take extra time to figure out how and where to separate their trash, it is highly unlikely they are going to actually complete the task, however, if they are given or Shown the right way in a simple

setting, most likely they will follow the directions.]

Faculty Responses

Survey Key: ZS58317

This is an anonymous survey.

The number of people who took this survey by 5/21/2007 11:57:07 AM is: 45

The purpose of this survey is to raise awareness of environmental issues, evaluate current knowledge, and to gauge support for environmental initiatives. This survey is being sent to all students, faculty and staff at Colby-Sawyer College. The survey is completely anonymous and voluntary. You may withdraw and discontinue at any point. The survey will take approximately 10 minutes to complete. This survey is being sent by students in CES 301 (Stephanie Goggin, Alexa FitzGerald, Brian Valle, Anna Clark, Chris McClellan, Kris Ramsay, Geoff Pushee, Stephanie Seavy, and Sean Wheeler) as part of project GreenROUTES (Redirecting Our CampUs Towards Environmental Sustainability). If you have any questions about this survey or project GreenROUTES, please contact us at GreenROUTES@colby-sawyer.edu or contact our faculty advisor, Dr. John Callewaert, jcallewaert@colby-sawyer.edu, 526-3793.

1. In your opinion, is it better if campus trash is sent to a ...
 - [15] Landfill
 - [8] Incinerator
 - [20] Don't know

2. Do you currently make an effort to recycle the cans, bottles, and paper you use on campus?
 - [39] Yes
 - [6] No

3. Would you be more likely to recycle if Colby-Sawyer College had... (Check all that apply)
 - [37] More bins in more places
 - [13] Recycling bins in each room
 - [21] More clearly marked bins
 - [9] Recycling incentives

4. At the end of the academic year, the “drop and swap” program provides students with the opportunity to give away and reuse furniture and other residence hall room items. Have you participated in “drop and swap” program?

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[3] Yes

[41] No

Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly agree	Agree	No opinion	Disagree	Strongly Disagree
5.	Expand the “drop and swap” program to a year round activity.	<input type="checkbox"/> [9]	<input type="checkbox"/> [17]	<input type="checkbox"/> [15]	<input type="checkbox"/> [3]	<input type="checkbox"/> [0]
6.	Eliminate all disposable products (styrofoam and plastic containers, etc.) from the dining room.	<input type="checkbox"/> [21]	<input type="checkbox"/> [18]	<input type="checkbox"/> [3]	<input type="checkbox"/> [3]	<input type="checkbox"/> [0]
7.	Develop a policy requiring energy efficient models (compact florescent light bulbs, energy efficient computers, etc.) for all new college purchases.florescent light bulbs, energy efficient computers, etc.) for all new purchases?	<input type="checkbox"/> [29]	<input type="checkbox"/> [14]	<input type="checkbox"/> [1]	<input type="checkbox"/> [0]	<input type="checkbox"/> [0]
8.	Prohibit the use of personal refrigerators in rooms and offices in order to promote the use of common area refrigerators and greater energy efficiency.	<input type="checkbox"/> [8]	<input type="checkbox"/> [13]	<input type="checkbox"/> [9]	<input type="checkbox"/> [9]	<input type="checkbox"/> [6]
9.	Develop a compost program for food waste – meaning you would take the time to separate items for composting as you left the dining room.	<input type="checkbox"/> [24]	<input type="checkbox"/> [15]	<input type="checkbox"/> [3]	<input type="checkbox"/> [2]	<input type="checkbox"/> [1]
10.	Promote the use of free reusable mugs when taking coffee out of the cafeteria. The mugs would be washed and sanitized by dining services.	<input type="checkbox"/> [23]	<input type="checkbox"/> [15]	<input type="checkbox"/> [2]	<input type="checkbox"/> [4]	<input type="checkbox"/> [1]
11.	Remove common area refrigerators in order to save energy and money. An audit of common area refrigerators on campus revealed very little use.	<input type="checkbox"/> [5]	<input type="checkbox"/> [18]	<input type="checkbox"/> [12]	<input type="checkbox"/> [9]	<input type="checkbox"/> [0]

12. Is your computer set for maximum energy savings?

[8] Yes

[3] No

[34] Don't know

It has been estimated that each year we use about 2.5 million sheets of paper on campus and that number has been rising over the past couple of years.						
Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly agree	Agree	No Opinion	Disagree	Strongly Disagree
13.	Over time, switch to double sided printing to cut down on paper use.	<input type="checkbox"/> [29]	<input type="checkbox"/> [11]	<input type="checkbox"/> [2]	<input type="checkbox"/> [2]	<input type="checkbox"/> [0]
14.	Instead of personal or desktop printers, shift to more of a network printer environment allowing double-sided printing rather than a personal printer environment (generally one-sided printing) in order to conserve paper and energy. The printers would be in high use areas such as the library, Colgate, Ivey and Ware.	<input type="checkbox"/> [11]	<input type="checkbox"/> [11]	<input type="checkbox"/> [5]	<input type="checkbox"/> [15]	<input type="checkbox"/> [3]
15.	Give students a set amount of pages to print each semester (500 sheets for example) and charging a small fee for additional printing beyond that allotment.	<input type="checkbox"/> [12]	<input type="checkbox"/> [14]	<input type="checkbox"/> [6]	<input type="checkbox"/> [11]	<input type="checkbox"/> [1]
16.	Promote greater use of e-documents (student papers, office memos, etc.) instead of printed documents.	<input type="checkbox"/> [21]	<input type="checkbox"/> [13]	<input type="checkbox"/> [2]	<input type="checkbox"/> [8]	<input type="checkbox"/> [1]
17.	Another estimate has shown that it would cost less than \$3 per student per year to shift to 100% recycled paper from the 30% recycled paper that the college currently uses. Colby-Sawyer College should spend the extra money and make the shift.	<input type="checkbox"/> [27]	<input type="checkbox"/> [14]	<input type="checkbox"/> [4]	<input type="checkbox"/> [0]	<input type="checkbox"/> [0]

18. Are you familiar with the term green design or green buildings (buildings that utilize energy conservation, alternative energy sources, recycled and/or non-toxic materials, etc.,)?

[44] Yes

[1] No

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Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly Agree	Agree	No opinion	Disagree	Strongly disagree
19.	Incorporate green designs into future construction or renovation projects on campus if costs are neutral or if green designs will save money over time.	<input type="checkbox"/> [36]	<input type="checkbox"/> [8]	<input type="checkbox"/> [0]	<input type="checkbox"/> [0]	<input type="checkbox"/> [0]
20.	Set a goal of utilizing alternative energy sources such as wind, solar or biofuels to meet at least 25% of campus energy needs over the next 10 years if costs are neutral or will save money over time.	<input type="checkbox"/> [34]	<input type="checkbox"/> [7]	<input type="checkbox"/> [3]	<input type="checkbox"/> [1]	<input type="checkbox"/> [0]
21.	Require all students to take an Environmental Literacy course as part of their education at Colby-Sawyer College.	<input type="checkbox"/> [21]	<input type="checkbox"/> [6]	<input type="checkbox"/> [6]	<input type="checkbox"/> [11]	<input type="checkbox"/> [1]
22.	I am willing to get involved in the implementation of new ideas in creating a green campus.	<input type="checkbox"/> [19]	<input type="checkbox"/> [10]	<input type="checkbox"/> [9]	<input type="checkbox"/> [6]	<input type="checkbox"/> [1]

<p>Several colleges have established GreenFunds. These are student, faculty and staff supported funds set up to promote environmentally friendly practices on and around campus. For example, GreenFunds could be used to purchase more energy efficient light bulbs, finance the shift to 100% recycled paper, or purchase additional energy efficient replacement windows for residence halls, offices and classrooms. Over time the fund could be self sustaining or phased out based on savings gained.</p>						
Please state your opinion on the following:		Please select one:				
		Strongly agree	Agree	No Opinion	Disagree	Strongly disagree
23.	I would be willing to support a \$25 payroll deduction to establish a GreenFund at Colby-Sawyer.	<input type="checkbox"/> [11]	<input type="checkbox"/> [14]	<input type="checkbox"/> [6]	<input type="checkbox"/> [8]	<input type="checkbox"/> [5]

24. What other ideas or comments would you like to share about reducing Colby-Sawyer College's environmental impact or improving the quality of the environment on campus?

[I don't like the idea of forced payroll deductions for everyone. I might be willing to give that money myself. I would agree to encouraging greater use of some e documents. I would not include student papers, especially over 5 pages.]

[Presented elsewhere.]

[It is difficult to know whether it is better for our trash to be disposed of in an incinerator or in a landfill. I would imagine that there is some variation in the quality

of both of these types of disposal methods. It would be critical to know what technologies are being used and what types of by-products and contaminants both facilities are having difficulty controlling. After having the background information, an informed decision can be made]

[Initiatives, while they might be student driven, must ultimately be institutionally backed. If not, they are destined to have trouble meeting long-term success. Rather than focusing on particular initiatives, our initial efforts might be best focussed on identifying targetable goals for environmental improvement, ie. 10% electricity reduction, 10% fuel reduction, 10% paper reduction, 5% annual increase in recycling tonnage, etc. When these goals are set, then the campus community can identify particular program initiatives that will meet these goals.]

[Is the above a one time payroll deduction? If so, yes. If it is from each paycheck, no.]

[I continue to object to Mountain Day, for environmental reasons. When we were a group of 30 or so, the impact on the trails was minimal. With all those feet on the same day, the degradation to the trails (not to mention people bringing dogs...) is considerable. There must be alternative plans that would allow us to honor the mountain and have some fun, accomplishing the goal of the day. I guess the question is, do you want to give up the hard stuff?]

[Engage New London & surrounding communities in these efforts -- publicize Investigate grants for wind]

[Does the Ivey building need to be air conditioned? If not, might it be a good idea to disconnect the air conditioner and try to move toward a more "green" approach? Or would such a thing be physically (or practically) impossible?]

[I did not state an opinion on some items as I am new and cannot appreciate all the issues. I agreed to the payroll deduction if it is a one time deduction, not each pay period. I think this survey is a great first start.]

[Continue to replace old windows and doors on campus.]

[Suggest strongly that lights are turned off in rooms that are not occupied Make cans/paper etc mandatory]

[take the grease from kitchen holding pits and make our own fuel for school vans if switched to bio diesel. Dartmouth has done it, have a machine to convert grease to bio diesel. and took a diesel bus cross country and back.]

[Make sure people turn off lights which are not needed.]

[Place TVs in common rooms rather than each student having his or her own TV in their dorm room.]

[Encourage turning off lights when a room is not in use. Sensors??]

[Unplug computers and other major appliances nightly or weekly to reduce passive energy leakage. Seriously investigate wind power. Undertake energy audits for all campus buildings. Less paper!!]

[Review of entrance and exit solutions in all buildings and create a best practice routes of ingress and egress and publish in newspaper. Motion sensor lights, outdoor lights with downward reflectors that used florescent bulbs.]

[Lots of work to do here, it seems. Good luck!]

[Promote reusing the back side of a mis-printed document when possible. Our recycling efforts seem to be somewhat lame. I finally got a bottle recycling bin for

the Sawyer centre which promptly disappeared until I found it recently hidden away. It took several phone calls and efforts to finally get an appropriate size bin, being a major traffic area for cultural events in the theatre and gallery it was surprising we never had one in the first place but it's still only one on one floor for the entire building. I hope it helps improve recycling efforts. It was acquired from another building.(where it was possibly underused) Are they so expensive we can afford to have more?]

25. Additional Comments:

[Thanks. It's great you are doing this.]

[Thanks for doing this. Push harder!]

[Print limits should be coupled with encouragement of the faculty to reduce paper assignments, or the student is penalized for faculty course decisions.]

[While establishing a fund is an exciting idea we must be conscious of the integrity of other fundraising initiatives that are essential to the regular operations of Colby-Sawyer.]

[Unclear about the Green Fund- would this be annual, monthly, per payday?]

[I would like to see recyclable disposables in the dining hall as opposed to eliminating all take out containers.]

[The question about the common area refrigerators is tough to answer. Yes, I would like to see individual refrigerators discouraged in favor of energy efficient common area ones (if that were the case then of course I wouldn't want to see us abandon the common area units). But if that doesn't happen, then I would support getting rid of the common area ones that are underused.]

[I also think the question of cars and carpooling should be addressed. Again - the hard stuff. It's ridiculous for folks to drive across this campus....etc., etc. How about a shuttle to Concord? Hanover?]

[The questions are not always clear to me, and don't allow an alternate view: e.g. #23 is that a one time deduction? for full time or all faculty? by choice or decree?

Environmental literacy? What would be cut back so that an extra class is not added to an overburdened curriculum. What about providing NO paper to students and they can buy their own, through the college on a per sheet basis. Drop and Swap: I thought faculty were not part of the swap but only allowed to drop. What's the scoop?]

[I selected incinerator in the first item, but that means a carefully managed incinerator. An active landfill that enhanced decomposition and harvesting of the methane gas would also be a good alternative]

[I'm all for environmental action and consider myself fairly well informed about it, but I don't always know what the right thing to do is. Ongoing environmental education is vital.]

[payroll deduction should be an option, for some folks it might not work for their budgets. Also the question related does not stipulate it as a one time which would have broader support or an every pay-period deduction that may create a deeper disagree finding.]

[The institution should pay for GreenFunds; faculty and staff paychecks are not high

enough to warrant the deduction. Or, perhaps the senior admin would be willing to donate? (i.e. Presidential funding).]

Staff Responses

Survey Key: ZS58319

This is an anonymous survey.

The number of people who took this survey by 5/21/2007 11:58:56 AM is: 97

The purpose of this survey is to raise awareness of environmental issues, evaluate current knowledge, and to gauge support for environmental initiatives. This survey is being sent to all students, faculty and staff at Colby-Sawyer College. The survey is completely anonymous and voluntary. You may withdraw and discontinue at any point. The survey will take approximately 10 minutes to complete. This survey is being sent by students in CES 301 (Stephanie Goggin, Alexa FitzGerald, Brian Valle, Anna Clark, Chris McClellan, Kris Ramsay, Geoff Pushee, Stephanie Seavy, and Sean Wheeler) as part of project GreenROUTES (Redirecting Our CampUs Towards Environmental Sustainability). If you have any questions about this survey or project GreenROUTES, please contact us at GreenROUTES@colby-sawyer.edu or contact our faculty advisor, Dr. John Callewaert, jcallewaert@colby-sawyer.edu, 526-3793.

1. In your opinion, is it better if campus trash is sent to a ...
 - [13] Landfill
 - [40] Incinerator
 - [44] Don't know

2. Do you currently make an effort to recycle the cans, bottles, and paper you use on campus?
 - [86] Yes
 - [11] No

3. Would you be more likely to recycle if Colby-Sawyer College had... (Check all that apply)
 - [73] More bins in more places
 - [19] Recycling bins in each room
 - [38] More clearly marked bins
 - [23] Recycling incentives

4. At the end of the academic year, the “drop and swap” program provides students with the opportunity to give away and reuse furniture and other residence hall room items. Have you participated in “drop and swap” program?

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- [14] Yes
- [82] No

Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly agree	Agree	No opinion	Disagree	Strongly Disagree
5.	Expand the “drop and swap” program to a year round activity.	<input type="checkbox"/> [21]	<input type="checkbox"/> [43]	<input type="checkbox"/> [22]	<input type="checkbox"/> [11]	<input type="checkbox"/> [0]
6.	Eliminate all disposable products (styrofoam and plastic containers, etc.) from the dining room.	<input type="checkbox"/> [22]	<input type="checkbox"/> [44]	<input type="checkbox"/> [13]	<input type="checkbox"/> [18]	<input type="checkbox"/> [0]
7.	Develop a policy requiring energy efficient models (compact florescent light bulbs, energy efficient computers, etc.) for all new college purchases.florescent light bulbs, energy efficient computers, etc.) for all new purchases?	<input type="checkbox"/> [52]	<input type="checkbox"/> [43]	<input type="checkbox"/> [0]	<input type="checkbox"/> [2]	<input type="checkbox"/> [0]
8.	Prohibit the use of personal refrigerators in rooms and offices in order to promote the use of common area refrigerators and greater energy efficiency.	<input type="checkbox"/> [4]	<input type="checkbox"/> [24]	<input type="checkbox"/> [21]	<input type="checkbox"/> [39]	<input type="checkbox"/> [9]
9.	Develop a compost program for food waste – meaning you would take the time to separate items for composting as you left the dining room.	<input type="checkbox"/> [36]	<input type="checkbox"/> [39]	<input type="checkbox"/> [14]	<input type="checkbox"/> [7]	<input type="checkbox"/> [1]
10.	Promote the use of free reusable mugs when taking coffee out of the cafeteria. The mugs would be washed and sanitized by dining services.	<input type="checkbox"/> [34]	<input type="checkbox"/> [43]	<input type="checkbox"/> [11]	<input type="checkbox"/> [9]	<input type="checkbox"/> [0]
11.	Remove common area refrigerators in order to save energy and money. An audit of common area refrigerators on campus revealed very little use.	<input type="checkbox"/> [19]	<input type="checkbox"/> [29]	<input type="checkbox"/> [24]	<input type="checkbox"/> [25]	<input type="checkbox"/> [0]

12. Is your computer set for maximum energy savings?

- [25] Yes
- [4] No

[68] Don't know

It has been estimated that each year we use about 2.5 million sheets of paper on campus and that number has been rising over the past couple of years.						
Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly agree	Agree	No Opinion	Disagree	Strongly Disagree
13.	Over time, switch to double sided printing to cut down on paper use.	<input type="checkbox"/> [48]	<input type="checkbox"/> [41]	<input type="checkbox"/> [5]	<input type="checkbox"/> [2]	<input type="checkbox"/> [1]
14.	Instead of personal or desktop printers, shift to more of a network printer environment allowing double-sided printing rather than a personal printer environment (generally one-sided printing) in order to conserve paper and energy. The printers would be in high use areas such as the library, Colgate, Ivey and Ware.	<input type="checkbox"/> [21]	<input type="checkbox"/> [38]	<input type="checkbox"/> [6]	<input type="checkbox"/> [28]	<input type="checkbox"/> [4]
15.	Give students a set amount of pages to print each semester (500 sheets for example) and charging a small fee for additional printing beyond that allotment.	<input type="checkbox"/> [24]	<input type="checkbox"/> [33]	<input type="checkbox"/> [12]	<input type="checkbox"/> [25]	<input type="checkbox"/> [2]
16.	Promote greater use of e-documents (student papers, office memos, etc.) instead of printed documents.	<input type="checkbox"/> [46]	<input type="checkbox"/> [50]	<input type="checkbox"/> [0]	<input type="checkbox"/> [1]	<input type="checkbox"/> [0]
17.	Another estimate has shown that it would cost less than \$3 per student per year to shift to 100% recycled paper from the 30% recycled paper that the college currently uses. Colby-Sawyer College should spend the extra money and make the shift.	<input type="checkbox"/> [36]	<input type="checkbox"/> [42]	<input type="checkbox"/> [9]	<input type="checkbox"/> [10]	<input type="checkbox"/> [0]

18. Are you familiar with the term green design or green buildings (buildings that utilize energy conservation, alternative energy sources, recycled and/or non-toxic materials, etc.,)?

[88] Yes

[9] No

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Please state your opinion on the following. Colby-Sawyer College should...		Please select one:				
		Strongly Agree	Agree	No opinion	Disagree	Strongly disagree
19.	Incorporate green designs into future construction or renovation projects on campus if costs are neutral or if green designs will save money over time.	<input type="checkbox"/> [58]	<input type="checkbox"/> [38]	<input type="checkbox"/> [1]	<input type="checkbox"/> [0]	<input type="checkbox"/> [0]
20.	Set a goal of utilizing alternative energy sources such as wind, solar or biofuels to meet at least 25% of campus energy needs over the next 10 years if costs are neutral or will save money over time.	<input type="checkbox"/> [53]	<input type="checkbox"/> [40]	<input type="checkbox"/> [4]	<input type="checkbox"/> [0]	<input type="checkbox"/> [0]
21.	Require all students to take an Environmental Literacy course as part of their education at Colby-Sawyer College.	<input type="checkbox"/> [29]	<input type="checkbox"/> [46]	<input type="checkbox"/> [13]	<input type="checkbox"/> [8]	<input type="checkbox"/> [1]
22.	I am willing to get involved in the implementation of new ideas in creating a green campus.	<input type="checkbox"/> [27]	<input type="checkbox"/> [41]	<input type="checkbox"/> [24]	<input type="checkbox"/> [4]	<input type="checkbox"/> [0]

<p>Several colleges have established GreenFunds. These are student, faculty and staff supported funds set up to promote environmentally friendly practices on and around campus. For example, GreenFunds could be used to purchase more energy efficient light bulbs, finance the shift to 100% recycled paper, or purchase additional energy efficient replacement windows for residence halls, offices and classrooms. Over time the fund could be self sustaining or phased out based on savings gained.</p>						
Please state your opinion on the following:		Please select one:				
		Strongly agree	Agree	No Opinion	Disagree	Strongly disagree
23.	I would be willing to support a \$25 payroll deduction to establish a GreenFund at Colby-Sawyer.	<input type="checkbox"/> [16]	<input type="checkbox"/> [29]	<input type="checkbox"/> [20]	<input type="checkbox"/> [22]	<input type="checkbox"/> [10]

24. What other ideas or comments would you like to share about reducing Colby-Sawyer College's environmental impact or improving the quality of the environment on campus?

[Mandate the use of Blackboard for dissemination of handouts in classes and in meetings.]

[We need to investigate emphasizing "Sustainability" in both Infrastructure and in Course-Specific areas to make Colby-Sawyer a leader and thereby attract Students and Development funds!]

[Lower the hot water temperature in Colgate. Other buildings? Requesting the Green

Fund payroll deducting would require collaboration and support from offices including Financial Services and HR.]

[Office documents can often be printed on "already printed on paper" and recycled in that way... especially for drafts/internal memos.]

[Wind power was suggested in the survey. It should be looked into more closely considering the elevation and winds on the hill. We should take advantage of this opportunity. A tower could be placed in the area of the Library, Ivey, Colby Farm or the tennis courts which would be out of the neighbors view.]

[<http://www.changingworldtech.com/>

<http://www.mindfully.org/Energy/2003/Anything-Into-Oil1may03.htm> These are 2 web sites that Green Routes might be interested in. Very innovative ideas.]

[Have a campaign to turn off unused lights, computers, printers, electrical appliances. Give incentives to dorms to cut down on volume of trash generated--a competitions to reduce % volume from current level. Promote the drinking of tap water, instead of bottled water. Saves the materials and energy used to bottle the water and transport it.]

[I think there are many other options to reduce power use in the buildings on campus other than refrigerators. Examples might include encouraging "powering down" on weekends and breaks; selling and supporting "green" items for classroom, office, and room use (see the WildCAP program at UNH) such as lightbulbs, energy efficient/ energy star DVD players, TVs, stereos; publish information about water use for things like showering, dishes, etc; limit car use on campus; start a "bike exchange" program where people buy in and can use any bike with a certain lock that they all have the key to; "ride share" program for fac/ staff to come to work as well as students who need rides off campus (a web site could be developed to support this). I don't believe that regulating fridge useage is the way to go.

"Banning" personal fridges will only result in students having their personal items used from a common fridge without their permission ("stolen"). It also does away with someone who is over 21's privacy to have alcohol in their possession and keep it cold (alcohol can't be kept in a common fridge)!! Also if we got rid of common fridges in the halls, then students who can't afford a fridge or who were trying to be "green" would suffer. Perhaps a "green suite" in Danforth or Lawson is a good start where people who are interested in this project and this endeavor could all live together? I think we need to look wider than fridges and double sided printing and talking about it in terms of "banning" rather than "requesting" or "supporting" is dangerous. People should WANT to power down or use less energy because it's the right thing to do, not because it's the "rule".]

[We need someone on campus who will do a cost analysis for purchases and figure out the long term impact vs. the more costly initial purchase.]

[Getting the whole campus community invested in making changes and to think responsibly is vital. Small steady steps will lead to change. Your survey is a good start.]

[A car pool/ ride share area in the community discussion board of Blackboard would be great for our college community. There is so much wasted energy on this campus - I think an energy audit of each building would be a great place to start!]

[Do an energy/heat audit of all buildings. Many buildings have leaky door and

window seals, uninsulated windows, inadequate wall and ceiling insulation. We could save a lot on the heating bills if we tightened up the buildings.]

[1. educate faculty and staff about ways to save costs and fuel, such as turning down the heat in our offices and turning off our computers during holiday and recess times
2. discontinue paving our roadways, replace with gravel. 3. stop using bottles of water at meetings, etc. have more 'bubblers' on campus. 4. ask Sodexo to use recyclable materials for 'take out' containers 5. is the fertilizer we use on our lawns and fields environmentally friendly? 6. Let's really make renovations in Sawyer and Reichhold 'green']

[Unclear if the payroll deduction is a one time deduction or every paycheck?]

[A herb garden would be nice or something like a pumpkin patch. we could sell produce for the green fund.]

[A large scale effort of awareness and education in the area of energy conservation would be relatively easy and inexpensive to do. Student-driven initiatives work best to get the ball rolling! Keep up the good work!]

[Payroll deduction should be voluntary. Turning off all computers, printers, copy machines on Friday nights. Turn off lights when not in use. Use email for flyers, reports to teachers - general go electronic across the campus.]

[1. Identify a person in each department to be the "green" liaison. That person would attend meetings 2-3 times/year and bring information back to their department regarding recycling initiative, news or ways to minimize the group's environmental impact. 2. Business Administration students should operate a goodwill or consignment shop. Several objectives could be met including recycling, field experience in business management, community service and more. There is also the benefit of cool/cheap stuff available locally.]

[Work with a local organic gardener and add these foods to the dining plan. Charge Library users a printing fee.]

[I'd love to see CSC look into offsetting their energy use with green credits through an organization like nativeenergy.com.]

[I think for privacy and confidentiality we could not go to all network printing where the printers were in public areas, but office clusters could have a network instead of everyone having their own. Switching to lights that go out when the restrooms are not in use. Making it so individual offices had control over their lights so they could be switched off when they are not in.]

[Support individual departments with their recycling efforts by supplying bins and developing a reasonable process]

[people should turn off lights when not in use]

[All of these suggestions sound wonderful, but also require a great deal of focus and involvement....which I have seen in the past dwindle as soon as a "project" requires work. Especially on the part of the students.]

[Encourage environmental-awareness discussions around campus including particularly during new student orientation. Perhaps contests for most environmentally-friendly practices in res hall suites/floors and offices.]

[Develop away to keep heat in building with high traffic door usage, ie. blowers. There should clearly be more marked recycling bins on campus, at least one paper recycling bin in each classroom/office and 1 glass/plastic in every hallway or every

few offices. Motion sensor lights put into all areas of campus that are not constantly being used.]

[I understand that our Water is not good for human consumption unless it is filtered. Follow this back to it's source and see if the school can play any part in helping the community's Water supply. It could also engage the community.]

[The school needs to commit to becoming a Green campus. We should also use recycled paper for all of our publications. We print a lot of publications (admissions, athletics, etc) and it would look good if it said on the bottom of each brochure "Printed on recycled paper."]

[I feel that there seems to be alot of focus within trying to change up the residence hall dynamic with refrigerator use. If there was a requirement that energy saver refrigerators and size were set, as well as energy saver microwaves you would save alot of money. Plus I know that the washers and dryers I believe are not energy savers what if CSC was to convert those as well. I agree with green lighting, and you can also focus on motion sensed lighting for halls, common areas or classrooms. There are also the opportunity to do low flow toilets which if you flush down it uses more water, but if you flush up it uses less water (depends on what you do). As far as furniture there is alot of recycled woods, counters, chairs, etc... Also more ways to recycle printer cartridges, cell phones, batteries, and metal (furniture). I think you could also look at providing travel (car pools) use less gas rather than all the students traveling on their own.]

[I strongly support the composting idea as top priority along with switching to 100% recycled paper.]

[Continue the program of replacing the old windows on campus.]

[Think about using some of the open space that is behind the school to begin/promote a sustainable 'farm' program-- CES is a perfect discipline for demonstrating the viability of organic and other environmetally sensitive agricultural programs.]

[Establish more ways for students to recycle, not just paper, plastics and aluminum. For example for students to know they can donate clothes they have outgrown, books they no longer need, sports equipment they no longer want. There are various organizations that can benefit from these.]

[I am sure that our campus community, staff, faculty and students, recycles at home and would recycle here if the expectation was established.]

[Limit the number of cars on campus. No cars for first year students unless they are employed off campus?]

[The amount of paper used is absolutely obscene. The fact that a lot is recycled is great, but the amount that is wasted needs to be reduced. Some departments, such as admissions, need to send bulk mailings in an effort to solicit students to Colby-Sawyer, but having witnessed some of the paperwork that gets sent out, I think a lot of it could be consolidated into one less bulky mailing.]

[Perhaps sell Colby-Sawyer travel coffee mugs as a "Think Green," Environmental Awareness fund-raiser, and promote the use of the mugs in the dining hall to cut down on disposable products.]

[This questionnaire illustrates that there is a lot I could learn from further educational materials/presentations on this subject. Suggestions on how the

"average" employee could impact the green-ness of our campus would help. Also, some of the questions were difficult to answer without some explanation for the response (current budget constraints being a factor in several of my responses).]
[Replace ALL buildings on campus with energy efficient windows and doors.]

25. Additional Comments:

[Glad to see this as a topic for continued discussion!]
[I wish question 23 were more flexible -- let me determine how much of a deduction I want to contribute!]
[Duplex printing is great in some applications but can cause eye strain because the image on the reverse side is slightly visible. Duplex printing can also make photo copies of the document almost unreadable because of the bleed through. Doing more document processing without printing (when possible) is the best solution.]
[I may be willing in the future to participate in Q. 23, but financially would be incapable of doing it at this time.]
[Explore economics and politics of using a wind powered turbine to generate electricity to sell to the utility company and then buy it back to use (this allows the fluctuation of production to be leveled out.)]
[Keep up the good work. We need it badly.]
[Some of the above will require that people devote more time to complete the effort. Will arrangements to their schedules be taken into consideration?]
[While some ideas are very appropriate we need to be careful in adding more financial burden to students who are already shouldering a hefty financial load. Cost is also a factor in changing or renovating older campus areas.]
[Thank you for doing this survey. I think if nothing else, it raises awareness about various options for our college community.]
[Thanks for doing this... I truly believe in this work you all are doing and do hope we all can make a difference.]
[Question 23 doesn't state how often the 25 dollar deduction would be taken out? Every pay? so it would be 50 dollars a month?? Maybe if it was up to the employee how much could be taken out.]
[Off to a good start! Great job!]
[I believe ALL ideas should be discussed/considered yet all ideas must be analyzed as to their total value on OUR campus. While some ideas might be effective on other campuses, they may or may NOT be right for Colby-Sawyer.]
[Is the \$25 payroll deduction annual or bi-weekly? Big, big difference... \$25/year=no problem. \$650/year=problem.]
[I agree that double sided printing is a good idea. In my office I print confidential material so sending print jobs to a network printer would be difficult.]
[I do not understand why the "green movement" hasn't focused its energies on manufacturers, and get them to change the wasteful ways in which they package products. If they had started pressuring them decades ago, as they have pressured individuals, then we wouldn't need to have recycling on the levels we are looking at today. Quite frankly I think by focusing on the "end" product and not the "source" of the problem, has created a money making industry for the "green movement". The

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manufacturers and their over-packaging of products, keeps the "green movement" operating.....but until they focus on the "source"these problems are never going away.]

[Thank you for doing this. I believe that more environmental awareness and action could improve the quality of life and education on campus and make it an even more desirable place to be.]

[I would be interested on the results of the survey and who it is presented to - and the impact thereafter.]

[I think this is a great way to start. I feel that you could get alot of community support in the efforts to better the environment because then it also betters the community.]

[There were several questions that I would need to know how the result would effect both sides to agree, so I have no opinion not knowing.]

[When moving to 100% recycled paper watch out for the 'hidden' cost of wear-and-tear on the printers; most desktop-type printers are sensitive to the coarseness of recycled paper. The staff (not sure of the faculty) have been asked to sustain a pay-freeze for a least one year; and at the same time they've been asked to reduce and streamline the way business is done. A \$25.00 payroll deduction on top of tat is much to ask.]

[Offer an Environmental Literacy workshop for faculty and staff.]

[Please keep up your good work! College is a great place to educate - discuss and push for change!]

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