Eco Fact: Americans waste approximately 3.8 million gallons of gasoline from idling cars every day! (See more on Page 4)

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From Your Editors

The EPIB Trial is currently organizing a fundraiser for Kiva Microfunds, the winner of the Community Project Poll from the September issue. Kiva.org connects people with low-income entrepreneurs in the developing world through loans. By investing in their businesses, people empower these entrepreneurs to achieve economic independence.

By making a donation to the Human Ecology Department, we can use this money and lend it to a group or entrepreneur to fulfill their needs. The Kiva Microfunds allows us to lend this money, and as it is repaid throughout the year, it will be automatically relent to another entrepreneur or group. This way, your one time donation will forever be helping people worldwide.

All donations can be sent to the 2nd Floor of the Cook Office Building with the attached donation sheet (p.10), in the form of cash or checks. Checks can be made out to Chelsea Kahn or Cash.

If you have any questions you can get in touch with us at epibtrail@gmail.com or chelkahn@gmail.com. Many thanks for your support!

Your Editors,
Chelsea and Kate

Be on the lookout for . . . the Big Bellies!

By: Dara Zaleski

BigBelly Solar Compaction Systems are coming to all three Rutgers Campuses. These garbage receptacles are an innovative, modern way to cut costs and pollution without really doing anything. It’s really a wonder we haven’t been using these for longer. When garbage or recyclables are put into the “BigBelly”, they are compacted immediately. They can compact up to 200 gallons of trash into a 32 gallon bin thereby reducing the frequency of collections by 4 times or more!

This ultimately reduces labor hours and other associated costs of collecting and recycling waste as well as reducing carbon dioxide and pollution emissions from truck traffic.

There are also solar panels on the top of the units that provide an endless source of renewable energy to power the compactor. Not only do they use the sun to power themselves, but they are made of post-consumer recycled plastic! They’re smart too—they send a text message to maintenance facilities when they’re full to avoid unnecessary trips! So far, they are located on the Scott Hall Bus stop, outside of Tillet on Livingston, and at the Biel Road bus stop on Cook.

Meet the Faculty

Spotlight

Dr. Peter Guarnaccia has held a position in the Human Ecology Department for years, so it's only right that the Trail has decided to highlight his very interesting life and work for our Faculty Spotlight! You can recognize him by the million dollar smile he wears around the office, and the good advice he seems to carry in his back pocket. You are encouraged to take one of his classes or talk to him about getting involved in his research! Thanks for talking to The Trail, Dr. Guarnaccia!

KG: Where are you from originally?

PG: I grew up in Fairfield, Connecticut and went through high school and college there. Before coming to Rutgers and New Jersey, I had spent my entire life in New England.

KG: Where did you go to school and what did you study?

PG: For undergrad, I went to Harvard from 1968 to 1972 so I was there during the major anti-Vietnam war protests. I majored in Social Studies, an interdisciplinary social science major. I focused on Latin American Studies and was fortunate to spend two summers receiving training in anthropological fieldwork in Chiapas, Mexico. My senior thesis, called "Land and Tortillas," combined anthropology and history to look at the attempts of Mayan Indian farmers to get a land grant from the Mexican government. I went to the University of Connecticut for my Masters and Ph.D. in Medical Anthropology and graduated in 1984. This was all before UConn was a basketball powerhouse. I did my dissertation research on childhood asthma among families in a housing project community in Hartford, Connecticut. I also spent six months in Mexico as a researcher for a nutrition research project. From 1984-1986, I was a postdoctoral fellow at Harvard Medical School. I then received a clinically-applied medical anthropology and worked for two years with the Latino mental health program at Cambridge Hospital. That's where I started my research on Latino mental health issues that I brought with me to Rutgers. I came to the Department of Human Ecology in 1986 and have been here ever since!

KG: What does your research focus on now?

PG: I am interested in a few different topics. I am looking forward to studying the process of acculturation and how people successfully move between their families' cultures of origin and U.S. culture. I will be focusing on the diverse study body at Rutgers, who represent many different paths to what I am calling "successful acculturation." I am also looking at comparative health issues in the Oaxacan community here in New Brunswick and back in Oaxaca, Mexico. I am completing a paper on dietary change among Oaxacan migrants to New Brunswick. I am hoping to develop research on the different effects of health care reform on Oaxacans in Mexico and in New Brunswick.

KG: What sparked your interest in Oaxaca?

PG: My particular interest in Oaxaca developed from the large Oaxacan community here in New Brunswick. Through the Food Policy Institute, I began working with Teresa Vivar, the President of Lazos America Unida, a community action organization. I also developed a connection with the State University System of Oaxaca. Daniel Goldstein, from Anthropology, and I developed a project called Transnational New Brunswick that brought students and Oaxacan members of the community together to learn about community-based research. Last summer, I led an international service learning program on Community Health in Oaxaca through Rutgers Study Abroad, which I hope to continue. It is an exciting program where students work in community health settings, studying Spanish, take a course with me in the medical anthropology of Mexico, visit cultural sites, and live with Mexican families.

KG: What’s your favorite food?

PG: My father was from Sicily and my mother German Jewish, so two favorite foods growing up were lasagna and pot roast the way my grandmother made it. I also like all kinds of Latin American foods. I test the quality of a Mexican restaurant by whether they make good chicken enchiladas with mole sauce.

KG: What do you enjoy doing in your free time?

PG: What’s free time?! I enjoy playing a variety of folk music - whistles, recorders and soprano saxophone. For the past few years, I’ve had fun playing with several colleagues from SEBS. We mostly play informally, but did the Cook Happy Hour once. I also take yoga classes and get to the gym occasionally. My wife and I like to go biking along the Raritan Canal Trail. And my children, who are 20 and 24, are both in New York City, so we visit them and enjoy trying out new restaurants. I also enjoy reading graphic novels. "Maus" is an amazing one. I taught a graphic novel in one of my freshman seminars as well.
Take Ten

By: Dayna Bertola

Stress is inevitable, but it is especially prevalent in college students. The pressure to maintain a high GPA in order to maintain a scholarship, get into law school or graduate with honors may cause any individual to feel anxiety or stressed. Symptoms of stress may be physical or emotional and sometimes stress can even manifest itself in the form of the flu. At its worst, stress can create fatigue, insomnia and some people have feelings of hostility, anger, or sadness or become overwhelmed. Stress is part of life and people who channel their stress in positive ways can overcome stress without any negative consequences.

Instead of dealing with stress negatively, students should take advantage of some of the programs offered on campus that can help cope. There are meditation and relaxation classes are offered on campus that can be extremely beneficial. The schedule for these FREE classes can be found at the Rutgers Recreation website: (http://www1.recreation.rutgers.edu/CourseCatalog/categoryView.asp?id=795). Understandably, some students may not have the time to attend, but there are some simple things that can be practiced anywhere like learning some new breathing techniques or writing in a journal. Writing about what stresses you out may help you realize the things that trigger your stress, and you could work on preventing these things from occurring. For instance, if procrastination stresses you out, completing a task may be a positive way to relieve the stress (and maintain your grades!)

I recently went to a stress management presentation hosted by the Scarlet Series and found it very helpful. The program introduced two techniques that were short, simple and useful. The instructors, Alicia Regina and Karen Ardizzone, played calming music and asked that you focus strictly on the present. It was difficult to think about “nothing” because the mind is a powerful thing and it constantly is thinking and producing memories or thoughts. Thinking about the now is something people tend to neglect. We are always worrying. We focus so much on passing exams and finding a suitable career and that we forget about the now. Our perceptions of the world and people around us often prevent us from living stress free lives. How many times was an event ruined because you had too much on your mind?

One of the most valuable things I took away from the stress management program was the piece of advice that everyday a person should dedicate a mere ten minutes to doing something they enjoy simply to relax and take their mind off of things. This may be sketching, writing, singing or just listening to soothing music. Every student can spare ten minutes and it could prevent severe health conditions in the future. I highly recommend that a student try these techniques, or if they feel their stress is a major issue they should get help now before it affects their health. Overall, the best measure to preventing these health issues is to simply relax. For some it is more difficult than others, however, that is why it is important that if you suffer from stress you try these techniques, take a relaxation class, or see a medical doctor. Don’t let finals kill you—literally!


Trail Guide

The Path after College

By: Fred Giliberti

Since working for the Trail, I’ve been out in the in “real word” for 13 months. Attempting to give advice about life after college that is inspiring, honest, and will not completely freak out graduating seniors has been challenging.

Unfortunately, we live in trying times that will test your limits and preparation in ways you cannot imagine. In the end, your post-college experiences, great or terrible as they may be, will only add to your growth as long as you take it step by step and with an upbeat attitude.

First and foremost, keep your cool! Upon graduating, an overwhelming sense of fear and stress completely ruined the experience for me. My fear and negative attitude also set the mood for the following months. Stay positive, it will help you adapt to the unexpected events life throws at you. Believe me there will be a lot.

Second, it’s a not a big deal if you don’t follow through with plans made before graduating. Some statistics show that our generation will go through 6 to 7 career changes before settling down. You have plenty of time to figure it out. Take some risks, put yourself out there.

Third, enjoy your time out of school. By the time you graduate you will have gone through at least 16 years of school. Take some time to switch gears and clear your head.

Finally, do not get discouraged! Perseverance is key. Give yourself an ultimate goal, but be a little more lax on the expectations and actually getting there. This should help you deal with life’s curve balls.

Ultimately, is the real world a scary evil place? To a certain extent, yes. Will all your dreams come true? Probably not. Will you be ok in the end and still have a great time a long your journey after college? HELL YEAH!
Energy Saving Software to Deploy in Spring

By: Jade McClain

PISCATAWAY, N.J., Nov. 15-The Office of Information Technology (OIT) is preparing to launch a $100,000 project to implement new computer software with energy-saving control devices for Rutgers desktops, according to OIT representatives.

“There are 1000s of computers at the university, many of which are left on 24 hours a day, seven days a week...the amount of energy necessary to run those machines is significant,” the director of OIT, Frank Reda said. “If we can achieve some savings by automatically shutting those machines down or having them go into a power save mode, we could actually achieve significant energy savings for the university in addition to being environmentally friendly.”

The software, called Enterprise Desktop Management Software, was selected last summer when OIT ran a pilot project in which the department evaluated software from various vendors, eventually selecting Dell KACE. KACE is a smaller company acquired by Dell earlier in the year that provides the software, Reda said.

“Energy savings is only one of the aspects that we’ve looked at. We’ve looked at other aspects that involve managing a computer in a Rutgers environment, for example, being able to take inventory of what hardware and software is on the computer,” Reda said. “We also want to be able to do things like manage our anti-virus software at the university and push-out updates as they become available, but all of that project was being driven by energy cost savings and being more friendly”.

The software is expected to debut this spring and will be offered free of charge to the computing managers of the student centers and computing departments throughout Rutgers who will decide whether or not they want to implement the software for their departments, Reda said. Department managers who are uncomfortable with its adoption have the option of letting the OIT run and manage the software for that department.

Reda hopes that it will be implemented on a massive scale for maximum savings to the university. He estimates that there are about 10,000 desktops at Rutgers and projects that if $25 were saved per year for every desktop, the school would save a total of $250,000 per year in energy costs.

“This project] is to be environmentally friendly but also to use limited state funds or limited budgeting resources more efficiently, so it has a dual purpose. I mean, sure we all want to be environmentally friendly but it’s nice to save money also,” Reda said.

This initiative emerged last year after the director of the purchasing department, Kevin Lyons, asked the OIT vice president, Donald Smith, to find ways in which the department could make more environmentally preferable decisions. Around the same time as Lyon’s suggestion, a company called BigFix, Inc. had approached the school, promoting its energy saving software which prompted OIT to pursue the idea, Reda said.

“If there’s an issue of turning it on and off and going through the power up process that could be a problem for students, but if this operates as OIT expects then that’s a great thing” said Gianni Corleone, an SAS senior.

Reda is hopeful that through the promotion of the purchasing department and media channels, the software will be quickly throughout Rutgers. Although, he asserts that even if the software were to be rejected by other departments, it will be utilized in OIT which will still allow for noticeable energy savings for the school, he said.

Op-Ed: The American Media vs. Global Insight

By: Christian A. Rathbone

Have you ever felt like there was more to a news report than being presented? I feel the majority of American media outlets are not individual companies, but rather a handful of corporations, some well known for the opinions they portray. This is a fundamental problem with news in America; corporations are governed by a board of directors which have the right to report or omit certain bits of information. The Viacom Corporation which includes MTV, VH1, Nickelodeon, BET, Comedy Central and many others reach highly varying demographics, ensuring everyone gets the same biased information. Are these considered informational/news sites... or entertainment? This may seem inconsequential, but what people hear is usually what their opinions are based on. If everyone’s information is the same, then it becomes the accepted consensus. Ever heard the saying “If you say something enough times, it becomes the truth”? In 1984-85, Bayer Pharmaceuticals via massive marketing expenditures, limited media coverage about the FDA banning a hemophiliac medication tainted with HIV in the US. They went on to sell it overseas in Europe, South America and Asia, infecting and killing tens of thousands of people. Could their protective corporate media ties be the reason they are still in business today?

So how can you know the report is the entire story? Enter: the alternative and international media. These outlets are advantageous for two reasons: 1) Reporters overseas rarely have connections (e.g. commercial sponsorship) from US business giants and 2) therefore have no logical reason to pitch a report to protect American corporations. Alternative media are America’s unbiased news sources. National Public Radio (NPR) and Public Radio International (PRI), a BBC affiliate, are mostly sponsored by the listener through contributions. If you prefer print, Mother Jones Magazine works the same way, via subscriptions and contributions ensuring the information you receive has the consumer in mind.

Wonder why much of the world thinks America is unscrupulous, manipulative and imperialistic? Simply browse the titles of foreign press releases and take notice of how differently they frame issues than mainstream US sources. In short, President John F. Kennedy’s speech to the American Newspaper Publishers Association summarized the job of the media when he said “Without debate, without criticism, no country or republic can survive; it is why our press is protected by the first amendment; not primarily to entertain and emphasize the trivial and sentimental, but to inform, arouse, reflect, indicate crises and choices, to lead, mold, educate and even anger public opinion, for I have complete confidence in the response and dedication of our citizens when they are fully informed”.

To check out the mentioned media outlets that I prefer, see: Mother Jones at www.motherjones.com subscribe for just $10/yr, NPR & PRI at AM 820 and FM 93.9, Democracy Now! at www.democracynow.org, and RT at www.rt.com
Fall Gleaning

By Chelsea Simkins

Gleaning is not a term you hear everyday and many people do not know the real meaning. Today, gleaning is a method of collecting extra or commercially unmarketable crops left in fields after the commercial harvesting season has ended. However, this word had a slightly different meaning during ancient times. Cultures then promoted gleaning as an early form of a welfare system. This can even go back into biblical times, where farmers would leave a portion of their crops in the field for the poor and hungry to take for their personal nourishment.

Although commercial agriculture has changed over time, the idea behind gleaning is still the same. Organized mostly humanitarian groups and volunteers, gleanings take all of the collected crops to food banks or soup kitchens. Rutgers University supports gleaning of local farms. In 2008, President L. McCormick launched Rutgers Against Hunger (RAH), which is a university-wide effort involving food drives, educational programs and cooperative programs with farmers and gardeners to supply much needed food to affiliates of New Jersey Federation of Food Banks. In coordination with RAH’s mission, the Office of Community Engagement decided to organize a gleaning that would be open for the public, students, faculty, staff and alumni to participate in. This year, the gleaning occurred at Giamarese Farm in East Brunswick on October 27th. With the help of Farmers Against Hunger and Rutgers Against Hunger, the event was a success.

Even with inclement weather, 21 students, alumni and faculty came out to help collect red and green peppers which were promptly delivered to Elijah’s Promise Soup Kitchen in New Brunswick and the Franklin Food Bank, for distribution to the needy. This is not an event that you have to wait for your school or group to organize; it is something that happens at many farms throughout the state. Farmers Against Hunger organizes many of them. As one of the participants, I enjoyed working for those less fortunate than me. Events like this are fun, informational and rewarding—try it out sometime!

The 100 Mile Thanksgiving Challenge

ARE YOU UP TO THE CHALLENGE?

By: Rob Ingram

It seems strange that not too long ago, people wouldn’t have been able to imagine having to go further than 20 miles for food. It would have been blasphemy to even suggest that food could travel 1500 miles before it got to us. Now, it’s the norm for us and we are the ones who need a paradigm shift to see that it is possible to get our food from places closer to home. The 100 Mile Thanksgiving Challenge might help us do just that. Locally sourcing your food reduces food miles and greenhouse gases, supports local farmers, and puts minimally processed fresh foods on the table.

Originally, I thought this was some kind of Thanksgiving-Ironman event that people competed in and then shared an enormous feast afterwards. I was wrong. Instead, the 100 Mile Challenge is an event that was inspired by the book, 300 Mile Diet by Alisa Smith and J.B. Mackinnon. In the book the authors embark on a yearlong mission to eat meals that come from within a one hundred mile radius of their home. During their journey a friend invites them over for Thanksgiving and produces a 100 mile Thanksgiving meal to keep them within their diet. Since that Thanksgiving in 2006, people around the country have been inspired to take the 100 Mile Thanksgiving Challenge.

Feeling up to the challenge? The guidelines are simple. All of your Thanksgiving supplies must be produced within 100 miles of your home and, if you are getting a turkey it is preferred that it is organic. You are then scored on categories such as originality and variety. You can participate by going to the 100 Mile Diet website, www.100milediet.org/thanksgiving.

You don’t have to win, follow all the rules, or even eat a turkey. The point of the whole idea is to show people that they can eat locally and feel good about it! You can find farms within 100 miles of your home by going to www.localharvest.org

A great example of someone who completed the challenge to the best of her ability can be found here: http://www.greenphonebooth.com/2009/11/100-mile-thanksgiving.html

Enjoy Your Thanksgiving!
**MYTH BUSTERS: WASTEFUL DRIVING HABITS**

**By: Rachel Plunkett**

Most people who claim they want to reduce their carbon impact from transportation are still reluctant to make any major behavior changes, mostly because they feel it is an inconvenience to their daily schedules. Riding a bike 15 miles to work each day may not fit in with everyone’s lifestyle, and while public transportation works great for some, it may not be a viable option for others. Sometimes we want to do the right thing, but the opportunities are not made available to us. So, for those who fall victim to suburban sprawl, it’s time to look at some smaller efforts that every driver can easily make.

Many have probably been told at some point that starting up your engine is more wasteful of gas and harder on the engine than idling the car. As it turns out, this would only be true if your car is older than a 1990 model and uses an outdated carburetor. More recently, cars have been made with fuel injection systems, which are far more efficient. Also, idling is worse for car engines than start-up is because when the engine doesn’t run at the optimum operating temperature, it leads to incomplete combustion of gasoline. Incomplete combustion will lead to traces of fuel residue on internal parts, eventually causing some corrosion over time. The purpose of an engine is to create pressure by burning gasoline, and turn that pressure into motion. Engines are intended for moving cars, NOT for parked ones.

So how many seconds of car idling are considered wasteful for today’s average vehicle? A field study by the American Society of Mechanical Engineers in Florida has estimated that idling your car for more than 10 seconds is more wasteful than turning off and restarting the engine.

Admit it. Most of us have allowed our car engine to idle for more than 10 seconds. Americans waste approximately 3.8 million gallons of gasoline from idling cars every day! Every single week day all across America, engines run idle while parents and school buses wait to pick up children from school. It adds up!

Next time you’re going to sit in your car for more than just a few seconds, think about the facts, and then turn off the engine. Not only will you be helping to reduce your fossil fuel impact, you will also be saving money by burning less fuel and protecting vital car parts from unnecessary corrosion.

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**SOCIAL NETWORKING: A NETWORK OF ENERGY CONSUMPTION**

By Dara Zaleski

It might not take that much brain power to tweet a post or update your status on Facebook, but when combined with the millions of other people using these social networking systems, these messages take up a great deal of nonrenewable power. Quick calculations estimate that each tweet sent takes about 90 joules, which equates to about 0.02 grams of CO₂ put into the atmosphere. When scaled up to the 50 million tweets sent per day, it adds up to about 1 metric ton of CO₂ per day and the number of tweets and status updates are only going to increase with improvements and new innovations in technology.

Twitter is not the only social network that is having an impact on the environment. Facebook has just recently grown so large that it had to open up its own data center out in Oregon. Facebook has contracted with Pacific Power to supply energy to process the magnitude at which Facebook is being used. Unfortunately for the environment, Pacific Power gets most of their energy from burning coal, which is, as we all know, a nonrenewable resource. Although Greenpeace can be a bit radical on certain issues, they make a good point on this one, “Facebook’s decision to choose a company primarily powered by coal over other cleaner sources of energy is a missed opportunity to strike a blow against this dirty fuel and drive a clean energy economy. We expect more from a company that was recently named the most innovative by Fast Company magazine.” Ironically, there is a Facebook group named “We want Facebook to use 100% renewable energy”.

Although it doesn’t seem like Facebook will be making any changes to lower their impact on the environment, despite user requests, other websites such as Google and Yahoo are taking steps in the right direction. For example, Yahoo chose to locate its data center in Buffalo, NY to cut down on energy needed for intensive cooling systems and Heap Media has created Blackle (See Page 7 for more on Blackle) in an attempt to reduce over 750 megawatt hours a year. But how can we help? Take advice from the popular saying: Reduce, Reuse, Recycle! Reducing the amount of tweets or status updates we post everyday can make a bigger impact than we think! Maybe sharing with all of your friends what you had for lunch isn’t so important after all.
I Hope There Are A Few More Habitable Planets Out There!

By Alayna Karp

This past during some downtime, I got curious and calculated my ecological footprint... multiple times. An Ecological footprint is the amount of productive land and sea area humanity requires to sustainably enjoy a current lifestyle, if the entire human population shared this given lifestyle. It is a measure of human demand on the Earth’s ecosystems. To calculate one’s ecological footprint a person measures the amount and type of resources they consume, from form of transportation and average distance traveled to waste generated and proportion recycled. The results are then displayed as how many “Earths” we would require for everyone to live in the manner described.

Averaging the results from the many different sites I used, we would need 4 worlds to support the human population if everyone on Earth lived as I do. The result is quite horrible and so I decided to see what would happen if I changed certain aspects of my life on earthday.net/footprint/calculator. My eating habits are the worst (I don’t eat fresh or locally grown produce – I don’t really eat produce at all). So I entered the data pretending that I did eat locally and organically. My ecological footprint shrunk but not by much. I then decided to try lowering the impact of my other activities. Soon enough I had made myself a vegan that grows her own produce or buys it at the farmer’s market. All the waste I create was composted in my hypothetical bin and I recycled the few goods I brought. I no longer owned a car, took any form of public transportation, or traveled further than I could bike. My footprint was still too large for 6 billion people to live as I do. So then I decided to change my living situation. Instead of living in a duplex with 4 people, I upped the residents to 7 (the maximum choice). I pretended that 100% of the energy was renewable and that my electricity and gas bills were only $5 a month (the lowest option). I pressed calculate once again. My ecological footprint was still 2.8 worlds. I was shocked. I had chosen the most ecologically friendly option for every question. Yet, there are too many people for everyone to live as I “would” (without transportation, meat, and fossil fuels). I found those results quite disheartening.

I don’t want this article to be discouraging nor do I want to taint the truths exposed by calculating one’s ecological footprint. Overall the majority of the sites I used gave me an ecological footprint of four worlds. We only have one. I now know that I must eat more locally and organically if I want to significantly lower my negative impact. And on a brighter note, on myfootprint.org, I calculated what my future footprint will be if I am able to live the life I desire (a life I find attainable and fulfilling) and result was a mere 1.7 worlds. Although that isn’t perfect, it is a huge step in the right direction.

There are many websites that offer free calculations, just type “ecological footprint” into Blackle and choose one!

Black is the New Green

Replace your Google searches with Blackle!

By: Sara McClurg

Have you ever stopped to think about how environmentally friendly your internet searches are? Blackle, a search engine that replaces Google, is the more environmentally conscious way. Blackle.com is a site that was created between Heap Media and Google in order to take one more step to support the environmental movement. Blackle was started in 2007 when the idea was proposed by a blogger who claimed that making the Google page black would save 705 Megawatt-hours per year. Blackle saves energy because the screen is mostly black, and a computer monitor requires more energy to display a light (or white) screen. The homepage for Blackle claims that 2,172,387.655 Watt hours have been saved to date. While some may believe that switching to Blackle is insignificant, studies show that in 2008 approximately 235 million Google searches were done per day in the United States alone. While each Google search is estimated to generate anywhere from 1g to 10g of CO₂. No change is too small to make a difference. So set your homepage to www.blackle.com, and next time you want to go green... think BLACK!

Philadelphia Eagles - The Green Team - Scores Touchdown for Energy Independence

by John Laumer, Philadelphia 11.18.10

Quoting directly from the Philadelphia Eagles presser: "The Eagles have contracted with Orlando FL-based SolarBlue, a renewable energy and energy conservation company, to install approximately 80 20-foot spiral-shaped wind turbines on the top rim of the stadium, affix 2,500 solar panels on the stadium's façade, build a 7.6 megawatt onsite dual-fuel cogeneration plant and implement sophisticated monitoring and switching technology to operate the system.

Over the next year, SolarBlue will invest in excess of $30 million to build out the system, with a completion goal of September 2011. SolarBlue will maintain and operate the stadium's power system for the next 20 years at a fixed annual price increase in electricity, saving the Eagles an estimated $60 million in energy costs."

What happens next?

The City of Philadelphia is the site of Independence Hall, where the Declaration of Independence was signed. Hence, the "Declaration of Energy Independence." Investing $30 million in a project heavily dependent upon building-integrated renewable energy technology takes real courage in time of scarce capital, a collapsing global economy, and luddites dominating an entire political party (Republicans). Note: this is private sector investment we're talking about.

I'll have my cheese steak with hot peppers and onions.

This just-released announcement, on the Eagles website, is already generating the requisite 'I hate Al Gore' type comments. There is hope for the future, though.

The Philadelphia Eagles are going to kick the Dallas Cowboys right up into their 20,000 square foot video screen, which is mounted inside the Cowboy stadium. Some teams burn coal to project an image. Others are willing to cross the goal line on their own energy.

Bold Earrings Win Vuvuzela Recycling Contest

by Jennifer Hattam, Istanbul, Turkey 11.17.10

It faced tough competition from concepts for Christmas trees, toilet-paper holders, and lamps, but Megan Bernstein's design for big, colorful earrings beat them all out, becoming the winner of WoZela's vuvuzela recycling competition.

The contest, sponsored by two South African advertising firms, drew more than 100 entries suggesting ways to reuse or recycle the plastic horns that blared throughout this year's World Cup matches.

Helping Local Craftpeople: Bernstein's hoop earrings, which the Associated Press described as consisting of "circular cross-sections of the long, hollow horn," were the clear favorite of the jury of local artists and designers. Event organizer Matt Blitz said the design also met the goal of generating ideas that actually could be produced by local artisans in order to benefit the community.

"They're not just an aesthetic reuse," he said. "They could become a product that community artists could construct to create their own revenue."

N.J. DEP against proposed LNG facility off Asbury Park

WEDNESDAY, 17 NOVEMBER 2010

The Christie administration has filed a motion with the federal government to intervene in opposition to a pipeline that would traverse New Jersey and connect to a proposed natural gas facility 16 miles off the coast.

Liberty Natural Gas has proposed the project and is asking the Federal Energy Regulatory Commission (FERC) for the approvals to proceed with the project.

State Environmental Protection Commissioner Bob Martin on Wednesday said he has filed documents opposing the pipeline and offshore facility.

"My administration is taking action to move our state's energy future forward in a positive way by promoting the development of new, innovative technology in the renewable energy industry," Gov. Chris Christie said in a statement. "Natural gas is and will remain a piece of our state's energy puzzle, but liquefied natural gas has not been shown to be a viable and needed piece of New Jersey's energy plan, nor will it necessarily result in lower price for New Jersey families. As a result, I will not subject our state's shore and economy to the environmental risks that are inseparable from such a project. From New Jersey's perspective, this is simply not a workable project and I will exercise my authority to stop it."

On Oct. 4, Liberty filed with FERC an application for an onshore pipeline designed to carry up to 2.4 billion cubic feet per day of natural gas. The onshore pipeline is only one piece of the company's proposed project, which would entail the construction of a 9.2-mile onshore pipeline from Linden to Perth Amboy; a submerged pipeline running along the coastline; and a deepwater port approximately 16 miles off the coast of Asbury Park, at which Liberty proposes to re-gasify liquefied natural gas (LNG) for transport onshore.

"New Jersey opposes Liberty's proposed deepwater port, which is a crucial piece of their proposed project," Martin said. "Governor Christie has repeatedly expressed his steadfast opposition to LNG facilities off New Jersey's coastline, including his intention to use his veto authority under the Deepwater Port Act to prevent construction off our shore. Without the deepwater port, the onshore pipeline is a bridge to nowhere. Its potential environmental and economic impacts on New Jersey are unacceptable."

Christie opposes offshore oil and natural gas projects, particularly LNG facilities, saying that the environmental risks associated with such projects cannot be justified. He has said that while the administration is committed to development of clean energy industries in New Jersey, offshore LNG is not the answer.

The city of Perth Amboy has also filed a motion to intervene in opposition to Liberty's FERC application.

— TOM HESTER SR., NEWJERSEYNEWSROOM.COM
Student Volunteer Council is hosting:

**Winter Wishes Wrapping**

Winter Wishes gives New Brunswick pre-school children gifts for the holiday season. Students, faculty, and staff adopt a child's wish to purchase a gift for him or her for the holidays. Enjoy free food, music, and the holiday spirit. Volunteer your time in wrapping 600 gifts for New Brunswick pre-school children. You will also enjoy free food, music, and the holiday spirit. Pre-registration is required for this event.

Dec. 2nd 2010 — 5:00PM - 9:00PM
Livingston Student Center Gathering Lounge

svc@echo.rutgers.edu

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SEA is hosting A Panel Discussion on the Importance of Sustainable Development

With:

- **Patrick Hossay, Ph.D.**
  Stockton College Associate Professor of Political Science and Environmental Studies
- **Mayor Jerry Fried**
  Montclair, NJ
  Pioneer of town-wide sustainability initiatives
- **Jonathan Phillips**
  Executive Director of Groundwork Elizabeth promoting community partnerships for sustainability

Wednesday, December 1st: 8:00 pm
Douglass Campus Center, Trayes Hall Room B
Catered by Moe’s Southwest Grill!

Moderated by:
**Kevin Lyons, PhD**
Director of the Rutgers Purchasing Department

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**Responsible Drinking Happy Hour**

Enjoy free food, music, and company!
Cook Campus Center- December 3rd 4:00-7:00 PM

Interest in writing? Have feedback or comments?

Email us at epibtrail@gmail.com!
The Human Ecology Department

...is adopting a family for the holidays!

HELP US GIVE A LESS FORTUNATE FAMILY A JOYFUL HOLIDAY

Please bring canned foods and packaged goods (no glass).

Be sure to keep health and generic tastes in mind.

Donations can be dropped off to the Human Ecology Office
Cook Office Buiding Room 201

Donations Due by December 1st!

Donor Name: ____________________________________________
Amount: _______ Check □ Cash □
Special Message (Optional): ________________________________
________________________________________________________________
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