



Harvard Recycling Update

Fall 2014



Photo by Brian O'Connell

KIERAN CLYNE JOINS RECYCLING SERVICES

Meet Kieran Clyne, our new Operations Supervisor for Harvard Recycling & Waste Services. Since this June, Kieran has overseen the day-to-day operations of Harvard recycling driver routes, bulk recycling pickups, and contracted recycling, compost and trash services from Republic. Prior to coming to Recycling, Kieran was the Horticulturist managing the Harvard Organic Landscape program. Kieran (rhymes with “steer-in”) knows the campus well and his presence has already sped up customer responsiveness, route efficiencies and equipment maintenance. If you have recycling, compost, or trash pickup requests going forward, please call Kieran at 617-496-4891. Continue to call Rob Gogan at 617-495-3042 for waste audits, tonnage collection reports, receptacles and protocols for increased waste diversion, surplus requests and deliveries, and waste reduction issues. We look forward to enhanced customer service and operational efficiency with Kieran on board!

FOOD WASTE BANNED FROM DISPOSAL

As of October 1, 2014, a new state regulation prohibits the disposal of food waste into landfills; instead it must be reduced at the source, donated, or composted. Harvard Environmental Health and Safety, working with Harvard Recycling, has put together a guidance document to help people learn about and comply with the regulation. Please click the following link and then the fourth document down the list entitled, “MassDEP Composting Requirements Guidance.” Please contact us if you have any questions about complying with the new regulation. Since 1997, Harvard has recovered food scraps from over 85% of the kitchens on campus. In FY2013, we recovered 1,879 tons of food scraps for composting.

<http://ehs.harvard.edu/programs/solid-waste>

NON-DEPOSIT BOTTLES DOMINATE HARVARD LITTER

Over several weekdays following student Move-In, Harvard Recycling inspected the street, sidewalk and litter barrel surfaces and counted single-use beverage containers from Porter Square to our Allston warehouse. Walking tours crossed several neighborhoods including the Law School, the Radcliffe Quad, Oxford Street, the Plaza, the Yard, the Kennedy School of Government, two River Houses, the Business School, Athletics and the Ed Portal. Non-deposit bottles, especially water bottles, made up 70% of the containers. Juices, iced teas, and sports drinks were also abundant. This is ironic because According to the Massachusetts Department of Environmental Protection, only 40% of beverages sold in our host state are non-deposit.

<http://www.mass.gov/eea/agencies/massdep/recycle/reduce/top-5-reasons-mass-needs-expanded-bottle-bill.html>

Despite their lower sales, non-deposit containers vastly outnumber deposits in Harvard's litter. This indicates that the current deposit container legislation reduces Harvard litter. We project that the expanded Bottle Bill will reduce litter even more, leaving more money for Harvard to spend on teaching and research and less on trash pickup.



HGSE GREEN TEAM WASTE AUDITORS have a good time picking through their garbage. Thanks to auditors (left to right): Meghan Garrity, Shawn Bennett, Jeff Moura, Mike Goodwin, Allison Webster, and Lauren Schmitt. The Green Team is planning for their second Waste Audit in November.

Photo by Rob Gogan

ED SCHOOL FINDS LITTLE RECYCLING IN ITS TRASH

HGSE's first waste audit ever showed that the Ed School discards a small amount of SingleStream recyclables. Only 13% of the trash could have been recycled. In most Harvard buildings, 30-40% of the trash is recyclable cans, bottles, boxes and papers. HGSE composts vigorously as well. Lots of compostables are being recovered; however, most of the trash consists of compostable paper towels, food scraps and food serviceware. Photo showing brave Waste Auditors appears above. Also see this 22-second video clip taken by Alison Webster of the Office for Sustainability:

https://www.dropbox.com/sh/eqkh56ek3nd7onr/AABNmVbRCaHd2Y1Qza81IoOZa#lh:null-IMG_3243.MOV



RECYCLING / REUSE SLOGANS

Lug your mug & drag your bag.

Less we can.

Be a refiller, not a landfiller.

Before you're through, use side 2.

It's not waste until you waste it.

Gang Green: Recycle—it's infectious.

Left: UTEC youth strips Harvard mattresses down to bare springs. Photo from UTEC website

<http://www.utec-mattress.org/>

UTEC RECYCLES HARVARD MATTRESSES

Every year, Harvard student residences replace over 2,000 mattresses. The best we used to do with the old ones was to incinerate them and pull the steel springs out of the ashes for recycling, only 20% by weight. This summer, Harvard Recycling worked with United Teen Equality Center of Lowell, MA. Working with their corps of at-risk youth, UTEC recovered almost 90% of the mattress components for recycling. Harvard also gave them eight large mattress-sized tables from the Physics Teaching Lab for their work tables. Branching out from mattress recycling, UTEC has just opened a café staffed by their youth workers. Check out the cafe at <http://cafeutec.org>. UTEC is also looking for others to help fill their historic space, a converted platinum-LEED certified mill building. Read more at <http://utec-events.org>.

CALIFORNIA BANS SINGLE-USE PLASTIC BAGS

The nation's largest state banned single-use plastic bags. The Cambridge City Council is also taking up an ordinance supported by the Cambridge Recycling Division to ban single use paper or non-reusable plastic bags this fall. Read details of the California legislation here:

http://waste360.com/state-and-local/california-governor-signs-bag-ban-law?NL=WST-03&Issue=WST-03_20141001_WST-03_766&sfvc4enews=42&cl=article_2&YM_RID=CPEQW000001135486&YM_MID=1204

CITY OF CAMBRIDGE SLASHES TRASH

Our hostess city on the Charles has drastically reduced its trash, according to the Cambridge Recycling Division of the DPW. In the baseline year of Fiscal Year 2008, each household generated 22 pounds per week. In 2014, trash was only 18.1 pounds per household per week. That's a drop of almost 20% through better recycling, composting, reuse and recycling.

OFFICE FOR SUSTAINABILITY'S REUSE POSTER

Thanks to OFS for showing the Crimson how to go green and save money:
<http://green.harvard.edu/tools-resources/poster/reduce-through-reuse>

FREECYCLES COMING TO PLAZA, LABS, SMITH CENTER

This Tuesday, 10-28-14, the **Farmer's Market will include a campus-wide Freecycle** hosted by the Harvard Law School, SEAS, FAS Green Program and the Food Literacy Project, and the Harvard Lighting Fair. The Freecycle will be from 12-2pm. All reusable home and office supplies in good or fair condition are welcome! We encourage you to donate or take anything you could use. - See more at: <http://green.harvard.edu/events/farmers-market-plaza-19#sthash.LBtkJbLT.dpuf>

The following Thursday, 10-30-14, join the FAS Green Program for the **Fall 2014 Lab Freecycle**. Donate or find office supplies, small benchtop appliances and equipment, and more. All FREE! Donations will be accepted from 9 am-12 pm on the day of in the courtyard, or may be dropped off ahead of time in the Reuse Room located at Biology 1041. - See more at: <http://green.harvard.edu/events/lab-freecycle-postponed#sthash.Joh5jPFC.dpuf>

Harvard Recycling and **Smith Center Green Team host another FreeCycle** Friday, 11-21-14 from 11 AM - 2 PM. Bring any and all surplus furniture, supplies and equipment to the Harvard Information Center in the Arcade. The staff there will receive goods anytime after 10 AM that Friday. Clothing, computers, books, kitchen goods, toys, baby supplies, tools, hardware and anything else reusable is welcome here. Whether or not you donate, you are welcome to take anything you want for free. These FreeCycles save money, reduce Harvard's trash and conserve the embodied natural resources and energy in manufactured goods.

Wyss Institute develops better bio-plastic

http://news.harvard.edu/gazette/story/2014/05/promising-solution-to-plastic-pollution/?utm_source=Web+Sign+Ups&utm_campaign=efe54c2da7-May_2014_eNews&utm_medium=email&utm_term=0_e881688224-efe54c2da7-106165597

Ranger Curt says, "Update the Bottle Bill" -- Vote Yes on 2

<https://www.youtube.com/watch?v=T0Iom5hb3Ig>

TERRACYCLE REALITY SHOW

Over 20 offices and departments at Harvard send their used packaging to TerraCycle for up-cycling into marketable products. See where all the stuff goes and how designers turn trash into treasure on PIVOT's "Human Resource" Reality TV show. Watch episode 1 by clicking the link below. Thanks to Brendan Geller for the tip!

<https://www.youtube.com/watch?v=tf5rTz4AzyA>

CAMBRIDGE "REPAIR CAFE" RESCUES 80 BROKEN GOODS

Planned by the Cambridge Recycling Division and hosted by the Cambridge Community Center, the Cambridge Repair Café provided a meeting place all about repairing things Saturday, September 27. Visitors brought broken items from home and found tools and materials to help make needed repairs on clothes, electrical appliances, bicycles, toys, furniture, and more. We can personally attest to the repair of a marine radio and a ripped Oxford men's shirt! See photos here: [Facebook.Com/CambridgeRepairCafe](https://www.facebook.com/CambridgeRepairCafe).

SUPERMARKET RESCUES UGLY FRUITS

See how French supermarket chain Intermarché sold tons of "Inglorious" fruits and vegetables which would otherwise have been discarded:

http://elitedaily.com/envision/food/supermarket-keep-food-going-waste-video/672280/?utm_source=FBTraffic&utm_medium=fijifrost&utm_campaign=CMfacebook

POUR VOTRE SANTÉ MANGEZ

5 FRUITS ET LEGUMES MOCHES

PAR JOUR.

Avec les fruits et légumes moches, Intermarché lutte contre le gaspillage alimentaire.

LES FRUITS ET LEGUMES MOCHES
Ils sont aussi bons qu'ils sont moches. Ils sont moins beaux, mais ils sont aussi bons. Ils sont moins beaux, mais ils sont aussi bons. Ils sont moins beaux, mais ils sont aussi bons.

L'AUBERGINE MOCHE
A ce prix, elle pourrait être encore plus moche. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne.

LA POMME MOCHE
C'est comme une belle, mais moins chère. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne.

LE CITRON MOCHE
Avant d'être un citron moche, c'est avant tout un citron. Il est moins beau, mais il est aussi bon. Il est moins beau, mais il est aussi bon. Il est moins beau, mais il est aussi bon.

L'ORANGE MOCHE
Ca fait du très beau jus. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne.

LA POMME DE TERRE MOCHE
Elle a poussé sous la terre. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne. Elle est moins belle, mais elle est aussi bonne.

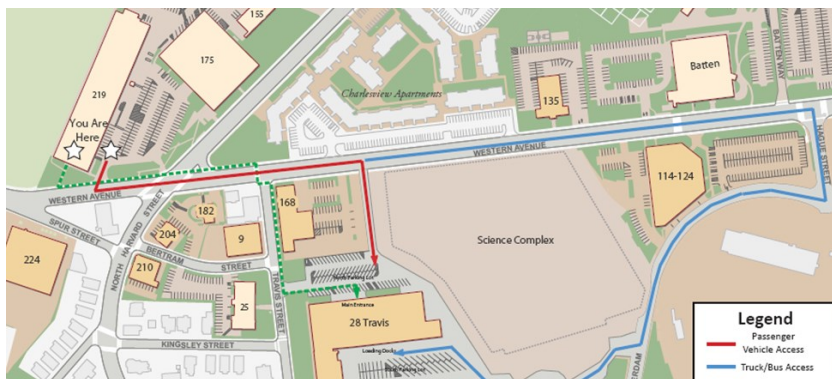
les fruits & légumes MOCHES Intermarché

CASELLA RECYCLING TOUR—Seats still available!

Friday, 11-21-14 is also the date of our annual tour of the Casella Recycling Plant. See how a mixed salad of boxes, bottles, cans and papers gets sorted into nine marketable commodities, neatly baled and tightly packed onto trucks and overseas shipping containers to feed the industries of the US and the world. The shuttle bus will leave Boylston Gate promptly at 1:30 PM and return by 4:30 PM. Boylston is the Harvard Yard gate directly opposite the Yenching Restaurant at 1326 Mass. Ave. If you want to take this free tour, please email us to reserve your seat on the bus: rob_gogan@harvard.edu. Hurry as seating is limited and we already have nine signed up.

SURPLUS FURNITURE and other items are available at our Recycling and Surplus Center in Allston every Thursday at 156 Western Avenue from 11 AM – 2 PM. We are open until 2 PM but for best selection you need to come at or shortly before 11 AM, but not before 10 AM. At that time you may sign up for an appointment to “shop” in the warehouse. Harvard departments and non-profits may come on Mondays from 11-2. If donating furniture, please instruct your movers to contact us 24 hours before delivery < rob_gogan@harvard.edu > so that we can receive and display everything safely. We can take material only from Harvard buildings which use FMO Recycling & Waste Services, and we can never receive any trash or hazardous waste. Movers must unload items one at a time so we can photograph and inventory the goods. All loose items must be placed on shelves or in hampers available here.

When donating file cabinets and desks, please unlock, open up and clean out all drawers. We cannot receive any furniture with unknown contents. Likewise, please make sure all computers, smart phones and other electronic devices are purged of any confidential information. Harvard Recycling does not shred or otherwise destroy any confidential materials we pick up or that are delivered to the recycling and surplus center. Thus it is the responsibility of the donor or recycler to make proper arrangements to protect confidential information. Please call us if you need extra recycling barrels or more pickups when cleaning out offices and furniture. Also, please ask us for contact information for confidential destruction vendors serving the campus. Our preferred vendor is DataShredder at 1-800-622-1808.



Please keep in mind that parking space limitations force us to be STRICT ABOUT PARKING RULES. Please respect our neighbors' need to maintain safe traffic flow around the Recycling and Surplus Center. When here for Thursday's Surplus Distribution, follow the parking monitor's direction and park only in designated areas. You may also park in the free spaces in the streets adjacent to the property. If you are interested in seeing any of the items now available, come to our Recycling and Surplus Center at 156 Western Avenue, Allston. For directions, see map and text below. We may be able to deliver goods to Harvard departments for a small fee.

By the "T" then walk-- For GPS directions use "156 Western Avenue, Allston."

Take the Red Line to "Harvard" station up double escalators to main exit. Walk south on JFK St across Charles River, where road becomes N. Harvard Street. Walk past Harvard Stadium on right to first traffic light at Western Avenue. Turn left (east) onto Western, then walk one tenth of a mile past Flint Cleaners and Swiss Bakers. Just after the SwissBakers parking area is the driveway to 28 Travis.

By the "T" then bus: Leave Harvard Station by "Church St." exit. Walk north one block on Mass. Ave. (opposite traffic flow) across Garden St. to Dawes Island bus stop. Take either Bus 66 or Bus 86 and tell driver you want to get off at Western Ave. in Allston. Sit on right side of bus and look for Harvard Stadium on right. Turn left (east) onto Western, then walk one tenth of a mile past Flint Cleaners and Swiss Bakers. Just after the SwissBakers parking area is the driveway to 28 Travis.

By car—For GPS directions use "156 Western Avenue, Allston."

From I-90: take I-90 east (Mass. Pike) to exit 18, "Allston - Cambridge." Bear left after toll booth towards Allston, onto Cambridge Street. Take Cambridge Street to second light approx. one quarter mile to gas station on right. Go right just past gas station onto North Harvard Street. Take North Harvard Street one quarter mile to traffic light at intersection with Western Avenue. Turn right (east) onto Western, then go one tenth of a mile past Flint Cleaners and Swiss Bakers. Just after the SwissBakers parking area is the driveway to 28 Travis. Park in one of the "Visitor" spots.

From I-93: take I-93 to Charles Circle (Cambridge/Somerville exit). Get onto Storrow Drive westbound 3 miles. Look for "Allston/Harvard Square" exit. Go right up ramp to North Harvard St. and take a left. Go four tenths of a mile, past Stadium, to first traffic light. Turn left (east) onto Western Avenue, then go one tenth of a mile past Flint Cleaners and Swiss Bakers. Just after the SwissBakers parking area is the driveway to 28 Travis on the right. Park in one of the "Visitor" spots.

SURPLUS WANTED

ISLAND SCHOOL NEEDS GENERATOR

A new school on Penikese Island off Cape Cod needs a 10 kW diesel generator. The school would be extremely grateful as there is no utility that far offshore. Gasoline or propane power is acceptable but less reliable in the extreme maritime environment. Are there any such generators lying used and obsolete in the tunnels and basements of our campus? If you'd like to donate to this worthy cause, please let us know.

HIGH SCHOOL RESEARCHER NEEDS EQUIPMENT

A Maine high school science student seeks surplus lab equipment to continue kidney research begun this summer at Harvard Medical School. Please let us know if you know how Dimitri can get any of this tissue culture research equipment for his school:

Centrifuge
CO2 Incubator

SURPLUS AVAILABLE

To see all currently inventoried surplus as of 10-23-14 and reserve an item you may want, click on the link below:

https://www.tradegrouper.com/invite_734bef4329431f82d492

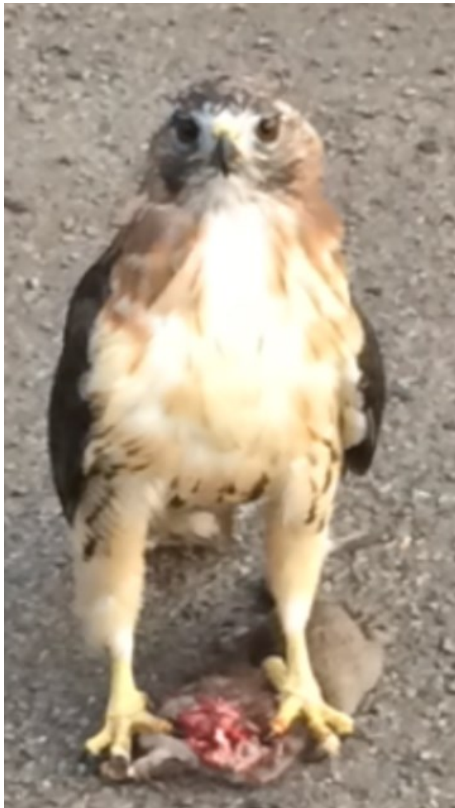
Office swivel chairs, round 25" tall oak tables 42" in diameter, office desks and more!



"On the one hand, people want the wash of goods and services that the world-wide market provides. No one forced Thelma to build a resort for foreigners. In Amapa, nobody twisted Dona Rosario's arm to buy a television and a freezer. Nobody was holding a gun to the head of the teenage Chinese villagers in Shanxi who clamor for Nintendo games and US brand cigarettes and DVDs of Will Smith movies. Or, for that matter, their counterparts in Beijing and Shanghai, whose demand for French wine is driving Bordeaux prices to amazing heights. Smart phones, aerodynamic sneakers, beige faux-leather living-room sets--people desire these things. Absent catastrophe, they will get them. Or their children will.

On the other hand, the same people who want to satisfy their desires also resist the consequences of satisfaction. They want to have what everyone else has, but still be aggressively themselves--a contradictory exercise. Floating in the capitalist stream, they reach down with their feet, looking for solid ground. To be a good place to stand, it must be their own, not somebody else's place. As human desires bring the Homogenocene into existence, billions of people begin marching through increasingly identical landscapes; that special place becomes ever harder to find."

Adam Minter, "Junkyard Planet"



RAT PATROL

Red-tailed hawk fiercely guards its quarry and feasts on sweet brains of a NORWAY RAT caught near Ohiri Field.

Photo by Ed Bettencourt

HARVARD CAMPUS NATURE WATCH

In Sever courtyard on a warm August day, a spectacularly plumaged REDTAILED HAWK consumes a baby EASTERN COTTONTAIL RABBIT on the grass

Dark HAWK too high up to identify perches on Memorial Church, letting out the screech of a Redtail as it flies down into the Yard.

EASTERN COTTONTAIL RABBIT happily but warily eats grass in front of Loeb House.

PEREGRINE FALCON pair lays clutch of eggs in low spot of rubber roof on Memorial Hall tower this spring. Rainfall nearly submerges the eggs, but female still broods on them to keep them warm; Massachusetts Wildlife officials intervene to place eggs atop dry roosting box, which mother soon climbs onto and spreads her warming feathers over; meanwhile, male spirals above, screaming with rage; later eggs are seen abandoned [fatally chilled?] ... When consulted about the sighting, Professor Emeritus E. O. Wilson noted that when he arrived at Harvard in the 1950's, a pair of peregrines also roosted in the tower.

Immature Red-tailed Hawk
perches on gutter behind 74 Mt
Auburn Street, Office for the
Arts, on an early summer day.



Female “WILD” TURKEY jumps down from a berry tree near Wadsworth House to feed in the grass...[the same?] “wild” turkey pecks in the grass between the Faculty Club and Warren House... three “wild” turkey primary feathers decorate Kirkland House lawn adjacent to JFK Street.

BLACK-THROATED GREEN WARBLER takes a pre-migratory flight past Northwest Labs.

High on the crenellated rooftop of Larsen Hall at the Graduate School of Education, a young RED-TAILED HAWK continuously screeches for its parents...two young red-taileds perching on top of Memorial Hall call for attention from their parents early one evening.

Two DOWNY WOODPECKERS actively forage for insects in the Cedar of Lebanon between Lehman Hall and Wadsworth House are revealed as mother and daughter once they come close to each other and the larger one feeds the other.

Up to ten GRACKLES cluck to each other in the evening between Wadsworth and Grays.

(Young?) WHITE-BREASTED NUTHATCH flies calling from one tree to the WHITE OAK on the side of Sever.

HOUSE SPARROW sand-bathes in the Faculty Club garden.

A large TIGER SWALLOWTAIL butterfly decides to leave the sweltering summer heat of Mass Ave to fly into the Yard's cool sanctuary between Lehman Hall and Wadsworth one afternoon this July... alas, not a single monarch butterfly is seen anywhere on Harvard's campus this summer.

TREE CRICKETS call to each other from the NORWAY MAPLE trees in the Grove at the intersection of North Harvard Street and Western Avenue one warm autumn evening.

Summer ROSES on the Lamont side of Loeb House show pink, deep apricot, deep red, and yellow blossoms, but are outshone in size, color and variety by the riotously blooming roses (yellow--deep and pale, deep red, pink, lavender, white), in the Faculty Club's Rose Garden, called by their human admirers the best showing ever there. Perhaps roses pulled out all the stops this summer because they knew it would be their last: the rose garden was sacrificed in favor of expanded patio space for functions.

Bark on SYCAMORE trees next to JFK Park peels, curls in summer drought, and falls to the ground in sheets; then, soaked by summer rain, flattens into jigsaw-puzzle shaped pieces in shades of gray, yellow, tan, black and brown.

CLEMATIS grows wild along the banks of the Charles by Mt Auburn Hospital, wafting sweet jasmine scent throughout the neighborhood.

HARVARD'S SECRET GARDEN:

See the Harvard Gazette's lovely collections of photos of the Dudley Garden, tucked into the heart of Harvard Square:

[http://news.harvard.edu/gazette/story/2014/09/secret-garden/?](http://news.harvard.edu/gazette/story/2014/09/secret-garden/?utm_source=SilverpopMailing&utm_medium=email&utm_campaign=09.04.2014%20(1))

[utm_source=SilverpopMailing&utm_medium=email&utm_campaign=09.04.2014%20\(1\)](http://news.harvard.edu/gazette/story/2014/09/secret-garden/?utm_source=SilverpopMailing&utm_medium=email&utm_campaign=09.04.2014%20(1))

Thanks to Campus Nature Watchers Aryt Alasti, Katherine Brick, Kanchi Gandhi, Zak Gingo, Elizabeth Gray, Sonia Ketchian, Rose Lincoln, Cathy McCormick, Jeremiah Trimble!



Loeb House Garden lilies dazzle pedestrians on Quincy Street this summer, lovingly tended by Elizabeth Gray.

Photo by Aryt Alasti



"Wild" turkey female perches on Leverett House bike rack.

Photo by Zak Gingo