

Earth Day

April 22, 2015



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Earth Day is an annual event, celebrated worldwide on April 22nd. Most often, people celebrate the entire week as **Earth Week**. During this time, people are energetically involved in events to demonstrate their support for actions and practices that protect the environment. Several of these events include air and water pollution control, elimination of toxic dumps, saving energy, planting trees and cleaning up trash from the environment.



Things you can do to **Lend a Helping Hand** on **Earth Day/Week**

- 1) **Slow the Flow** by fixing leaking faucet: A faucet leaking just one drop per second wastes over 1300 gallons per year.
- 2) **Walk, Hike, Ride a Bike**: Over 70 million gallons of fuel could be saved each year if people in the U.S. would occasionally ride a bike for short errands instead of driving a car.
- 3) **Lighten your Energy Bill**: Compact Fluorescent Lamps (CFLs) is a brighter way to light your home. CFLs last 10 times longer, use only 1/4 energy and produce 90% less heat.
- 4) **Reduce, Reuse, Recycle**: Donate clothing and computers to charities, pack lunches in reusable containers instead of bags, and return hangers to cleaners. There are hundreds of easy things to do to be “greener.” Participate in the **5th Annual Hazardous and Electronic Waste Collection Day**.



Earth Day Resources:
www.rutletheleaf.com

5th Annual Hazardous and Electronic Waste Collection Day

Clean out your on-campus offices and closets!

Facilities Management, Environment Health & Safety and the Committee on Sustainability are working together to host the **5th Annual Hazardous and Electronic Waste Collection Day**. Instead of throwing used batteries, paint, broken electronics and light bulbs in the trash or dumping chemicals down the drain, bring them to this event. Items must be from offices/departments located on the William & Mary campus only.

Further details including the date, time, and location will be advertised in the W&M Digest in April.



Household Chemical Collections and Electronics Recycling 2015 Schedule of Events



Providing environmentally safe disposal to the RESIDENTS of Williamsburg, James City County, York County, Hampton and Poquoson since 1997.

Events are only for residents of the above listed communities;
proof of residency may be required.

	Williamsburg James City County	York County	Hampton	Poquoson
Location	Warhill High School 4615 Opportunity Way	County Drive, Yorktown (off Goodwin Neck Rd)	Public Works Operations Complex 419 N. Armistead Avenue	Poquoson Swimming Pool Parking Lot Municipal Drive
Time	8:00AM—12 Noon	8:00AM—12 Noon	8:00AM—12 Noon	8:00AM—12 Noon
Dates	February 14, 2015 April 11, 2015 June 13, 2015 August 8, 2015 October 10, 2015	March 14, 2015 May 9, 2015 July 11, 2015 September 12, 2015 November 14, 2015	March 21, 2015 May 16, 2015 July 18, 2015 September 19, 2015 November 21, 2015	October 3, 2015

ACCEPTED ITEMS:

- ◆ **Computers and Electronics:** computers & accessories, printers, copiers, telephone, cell phones, fax machines, cameras, video games, stereo equipment, DVD players, VCR's, DVD's and any item that plugs into the wall or uses rechargeable batteries and is smaller than a microwave.
 - ◆ **Household Maintenance:** latex paint, oil based paint, stains, solvents, glue, varnishes, adhesives
 - ◆ **Automotive-limited to:** gasoline and other fuels, waxes, gas/oil mixtures, brake fluid, engine cleaner, tar remover
- NOTE: Motor oil and antifreeze are not accepted at most events since many communities already accept them at no charge. Call or check the website at www.vppsa.org for more information.
- ◆ **Lawn & Garden:** insecticides, weed killers, pesticides, fertilizers, pest strips
 - ◆ **Household Cleaning:** cleaners for oven, drain, toilet, septic tank etc., floor waxes, metal polishes, bleach, degreasers
 - ◆ **Miscellaneous:** charcoal fluid, dyes, kerosene, pool chemicals, fluorescent lights up to 8 ft., all compact fluorescents (CFLs) and rechargeable batteries (alkaline batteries are NO LONGER ACCEPTED; please put in your regular trash).

ITEMS NOT ACCEPTED:

Televisions, Alkaline Batteries, Explosives, Compressed Gas Cylinders, Ammunition or Gun Powder, Household Trash, Business or Medical Waste, Radioactive Waste, Large quantities of unknown materials



According to Brad Meirs, Fire Safety Officer

Prior to Building the Fire:

- 1) Use seasoned firewood—use logs aged for several months to a year
- 2) Open the damper—look for a lever inside the chimney
- 3) Clear a ten-foot radius—remove all flammable materials from immediate area



Building the Fire:

- 1) Paper—crumpled newspaper, balled under kindling and wood
- 2) Kindling—twigs, small sticks, thin-cut branches piled around the paper
- 3) Firewood—logs leaned over kindling and paper
- 4) Give the fire room to breathe—start small, with few logs, and allow space for oxygen flow
- 5) Do not use any accelerants—creates a big fire hazard



During Burning:

- 1) Fire must be attended at all times—and by someone who has been fireplace trained
- 2) Keep the fire at a modest size—at no time should it compare in size to the fireplace it's located in
- 3) Keep your extinguishers handy—know where they are and how they work



Extinguishing the Fire:

- 1) Have a large bucket of water handy—this is for extinguishing the burning materials; fill 1/2 the bucket with water, keep by fireplace
- 2) Place logs and sticks into the bucket using tongs
- 3) Sweep ash, embers and small pieces into shovel; carefully dump into bucket
- 4) Leave bucket and contents at the fireplace overnight



The Next Day:

- 1) Take bucket and contents out to dumpster—material should be cool to touch
- 2) Close the damper—this prevents inflow of cold air and small woodland creatures
- 3) Inspect and put away fire tools and bucket—replace any damaged parts ASAP
- 4) Inspect and clean fireplace area—now it's ready for its next use



2015 ANNUAL LABORATORY INSPECTIONS

Congratulations to Adair Hall

2nd consecutive year with **zero** laboratory safety findings.

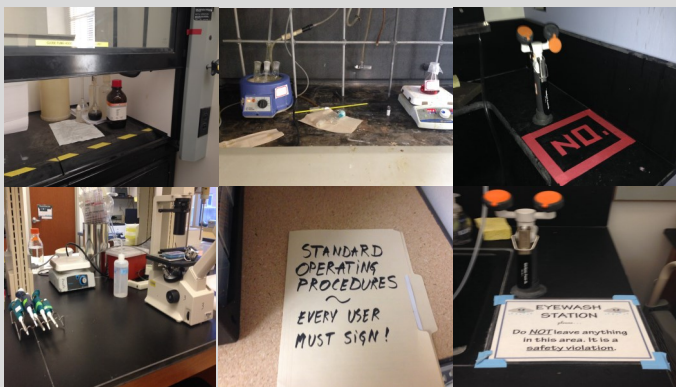
The 2015 laboratory inspections were conducted over the past two months on the William & Mary campus. In comparison to last year's data, campus-wide **laboratory safety findings decreased by 43%**.

Of the findings noted, the majority are addressed in the University's [Fire and Life Safety Program](#). The most prominent finding involved improper storage of items and equipment. In reference to fire safety, material stored on top of cabinets and shelves should be positioned at least 18 inches below the sprinkler head, to prevent obstruction of its spray pattern. Moreover, stored material should not inhibit the accessibility of doors, cabinets or egress paths.



In addition, the number of **noteworthy findings observed increased**.

There was a growth in the number of laboratories that displayed optimal housekeeping practices, proper chemical storage/segregation and fume hood management. In addition, independent lab practices including signage and standard operating procedures were noted.



The Path Less Travelled

According to Steve Singleton, Senior Safety Officer

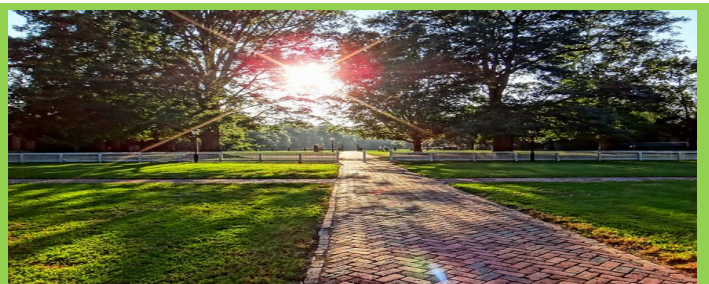


Oftentimes we take for granted the paths and routes we follow. Whether inside a building or around campus, there is always a better or designated path to take; rather than the shortcut that many of us tend to navigate. **Taking shortcuts can lead to slip, trip and fall accidents that could have been avoided.**

Taking the path less traveled is sometimes a good thing when it comes to your growth as a person, but not the best route to take when it comes to your safety, especially when traversing the campus. The **recognizable brick walkways** are **designated for pedestrian travel** and aim to keep you clear of potential hazards associated with shortcuts. During severe weather these are the paths that are cleared by the dedicated professionals in Facilities Management, not the pathway through the woods and down the hill. The shortest routes are not always the safest routes.

Some things to consider while traversing the campus:

1. Designated pathways are maintained by the University; at night these pathways are illuminated as well.
2. Slip, trip and fall accidents account for a large number of injuries on the campus. The severity of past injuries on campus range from a simple sprained ankle to broken bones.
3. Keeping your eyes up and recognizing the walkway in front of you can help prevent potential slips, trips and falls. Texting or doing other activities while walking can be a distraction and often lead to an accident.
4. If you notice an issue with a designated walkway, contact Facilities Management Work Control (221-2270) to report the issue and to have it corrected. Examples would be missing bricks or overhanging tree branches along the pathway.





All employers working with hazardous chemicals in their workplaces are **required** to have a Hazard Communication Program that includes container labels, safety data sheets, and employee training. In 2014, GHS Training launched within specific departments at William & Mary. **Thanks** to the **Departments** that have completed or are working towards completion of their GHS Training.

Percentage of Employees that have taken the GHS Training (Required Departments Only)

- Anthropology 25%
- Applied Research Center 100%
- Applied Science 100%
- Archaeology 100%
- Art & Art History 100%
- Biology 62%
- Facilities Management (100%)
- Geospatial 100%
- Physics 76%
- Psychology 39%
- Theater, Speech & Dance (100%)

L H N O Q L X G K R Y A C U Y
 F A S A N J Z A O D B O M F R
 I U D S O V R T Z Q N Z N U O
 R I Q D E J A A P F G S S R T
 S A U S E R D L I F T I N G A
 T F N W I R T N D I A B U V R
 A I H P C E E S F Q B F L X O
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 E Z R T J L C L V V W I K E P
 E H A F H F Q I G P R P K N X
 K V Y B Z H K I J W W T A K S

- CONFINED SPACE
- CPR
- FIRE SAFETY
- FIRST AID
- HEAT STRESS
- LADDER
- LABORATORY
- LIFTING
- RESPIRATOR

IT'S NOT TOO LATE!



For employees that work within one of the departments listed above and need GHS Training, contact your Department Chair for instructions on completing the training.

Coming together is a beginning, staying together is progress, and working together is success.

— Henry Ford



Make The Right Call

Contact Information

Director, EH&S	(757) 221-2146
Safety Engineer	(757) 221-2288
Fire Safety Officer	(757) 221-1745
EH&S Specialist	(757) 221-6450
Administrative Assistant	(757) 221-1523
EH&S Fax	(757) 221-2215
EH&S Email	slprio@wm.edu
Fire Safety Email	btmeirs@wm.edu



WORK HARD & BE PROUD OF WHAT YOU ACHIEVE

Don't be the same, be better!

THE ONES WHO SAY "YOU CAN'T" AND "YOU WON'T" ARE PROBABLY THE ONES SCARED THAT "YOU WILL"

Compliment people. Magnify their strengths, not their weaknesses.

EVERY JOB IS A SELF-PORTRAIT OF THE PERSON WHO DOES IT. AUTOGRAPH YOUR WORK WITH EXCELLENCE.