

# HEALTHY, WEALTHY & WISE

AUGUST 2018

Published exclusively for clients of Professional Carpet Systems

## In This Issue

*Deodorization after a disaster... How the pros do it*

*Hiking the scenic Appalachian Trail*

*For grads: Best places to start career*

*Electrical safety around swimming pools*

*Recipe: Grilled Marinated Shrimp*

*Good Clean Funnies*

*Moneywise*



## AUGUST IS Family Fun Month



## Deodorization after a disaster... How the pros do it

Whether we are dealing with property damage from water intrusion, storms or fires, odors can become a problem if not handled correctly. Unpleasant odors are sometimes an indication of a potentially infectious, hazardous or unsanitary condition. Bad odors can also cause psychological or emotional stress and even physical discomfort. Lingering odors may be an indication that there was unseen damage that must be addressed. As professionals, we have not done our job unless odors are effectively eliminated to the fullest extent possible.

Spraying deodorants and perfumes simply masks odors temporarily. Odor masking is not effective for long-term deodorizing success. Effectively eliminating odors requires an understanding of the principles of deodorization. The type of odor neutralizer and application process must be chosen based on the source of the odor, type of materials affected and the degree of odor penetration. To avoid a recurrence of the malodor, we use the following 4 step procedure:

**Step 1: Find and remove the source.** Odor is an effect. Since every effect has a cause,

our first challenge is to find and remove the cause. Imagine there is a carcass of a rodent inside your wall. In order to get rid of the odor, we have to find and dispose of the carcass. If the odor comes from smoke, we must try to find the location of any burned or charred material and remove it. If the odor is from a water intrusion, say from a broken pipe, we must first dry the structure before we can treat any remaining odor. The same applies to odors from sewage, and mold. The source must be removed or neutralized before proceeding.

**Step 2: Clean the affected area to remove any remaining odor-causing residue.** We start cleaning in the source area and work outward until all residues are removed. Residues can be sticky or oily residues, crystallized materials or dust and soot. The type of residue and the material you are cleaning determines the cleaning method. For instance, removing soot from a brick wall requires different cleaning agents, tools and techniques than removing soot from silk drapes. Depending on the odor, source removal and meticulous cleaning may be all that is required. If not, we move on to the next step.

PROFESSIONAL  
CARPET  
SYSTEMS



303.403.1900 main  
303.548.5946 emergency  
[www.pcssuperior.com](http://www.pcssuperior.com)

Continued on next page ►



## Grilled Marinated Shrimp

### Ingredients:

- 1 cup olive oil
- 1/4 cup chopped fresh parsley
- 1 lemon, juiced
- 2 tablespoons hot pepper sauce
- 3 cloves garlic, minced
- 1 tablespoon tomato paste
- 2 teaspoons dried oregano
- 1 teaspoon salt
- 1 teaspoon ground black pepper
- 2 pounds large shrimp, peeled and deveined with tails attached
- skewers

### Directions:

1. In a mixing bowl, mix together olive oil, parsley, lemon juice, hot sauce, garlic, tomato paste, oregano, salt, and black pepper. Reserve a small amount for basting later. Pour remaining marinade into a large resealable plastic bag with shrimp. Seal, and marinate in the refrigerator for 2 hours.
2. Preheat grill for medium-low heat. Thread shrimp onto skewers, piercing once near the tail and once near the head. Discard marinade.
3. Lightly oil grill grate. Cook shrimp for 5 minutes per side, or until opaque, basting frequently with reserved marinade.

### Tip

Aluminum foil can be used to keep food moist, cook it evenly, and make clean-up easier.

recipe courtesy allrecipes.com

## Deodorization (continued from cover)

**Step 3: Recreate the conditions of penetration.** Recreate the conditions of penetration. This is where specialized equipment is often required. For example, if the odor is from smoke, it may have penetrated into wood, fabrics, drywall and many other porous and semi-porous materials. Any deodorizing products we use must penetrate the materials in the same manner as the smoke odor penetrated in order to neutralize the odors.

If odors have migrated into areas that are inaccessible, it may be necessary to specialized fogging equipment, electronic oxidation, or dry vapor equipment. Generally, odors caused by mold and sewage will require the removal of porous non-structural materials such as drywall. This may be followed up by the application of a disinfectant solution to the remaining structural materials. In most cases,

## Hiking the scenic Appalachian Trail

Want to take a hike on a trail enjoyed by about four million people a year? Want to explore a footpath that stretches through 14 eastern states from Georgia to Maine? Then consider walking the great A.T., the Appalachian Trail.

It runs from Springer Mountain in Georgia to Mount Katahdin in Maine. The trail is easily accessible at many points (more than 500 public roads cross the A.T.) and it may be used for a short walk, a day trip, or a long distance hike.

Some hikers attempt to do the entire Trail, a 2,175-mile trek, in what is referred to as a through-hike. They can through-hike in one continuous journey (usually taking five to seven months) or make their through-hike in segments.

The Trail is marked so it's fairly easy to follow. The markers are six-inch paint "blazes" on trees, posts, and rocks. Above the treeline or where the blazes may be hard to see, paint marks, posts, and rock piles called cairns mark the path.

Generally, the A.T. is open all year around but the northern end at

properly applying steps 1 through 3 will achieve the desired results. If there is still an odor, we proceed to step 4.

### Step 4: Seal the affected material.

Sometimes odors penetrate into materials to the degree that it is impossible or impractical to remove them completely. In these situations it is necessary to apply a topical sealant to encapsulate the odor causing molecules and prevent them from evaporating into the air. If the molecules can't reach your nose, you won't be able to smell them. The type of sealer we choose depends on the type of material, the nature of the odor source and the degree of penetration into the material.

If you have tough odor problems and need assistance, please call Professional Carpet Systems, and we will be happy to help.



View from Annapolis Rocks along the Appalachian Trail on South Mountain Maryland.

Katahdin in Baxter State Park may be closed at times in winter depending on the weather.

Not able to make it to the Trail but still interested in its fascinating stories and colorful characters? Don't worry. Many hikers have detailed their adventures both on the web and in books so you can be an armchair Appalachian Trail adventurer.

For more information, visit the Appalachian Trail Conservancy at [www.appalachiantrail.org](http://www.appalachiantrail.org).

## For grads: Best places to start career

Congratulations to this year's grads who have left academia just when the economy is booming, employers are hiring, and unemployment is historically low.

The question is where to start the new career. A new study by WalletHub ranks 180 cities based on 27 metrics, including number of entry-level jobs, average salary, housing affordability, and friendliness to singles and families.

At the top of the list with the overall best rank was Salt Lake City, Utah, with number one quality of life rank and a number three professional opportunities rank.

Coming in second overall was Orlando, FL, ranking number one in professional opportunities and number six in quality of life.

Rounding out the top 10, the next top cities in order are Atlanta, GA, Charleston, SC, Tempe, AZ, Austin, TX, Columbia, SC, Denver, CO, Raleigh, NC, and Grand Rapids, MI.

Affordable housing considerations took California locations down on the list, with all but one of the least affordable cities located in California

## Electrical safety around swimming pools

Everyone knows water and electricity don't mix, but pool owners have a particular reason to be concerned.

In North Carolina, a 17-year-old lifeguard drowned in 2016 when a faulty grounding wire electrified a pool. The wiring had not been inspected for years.

Built-in pool lights, pumps and wiring are engineered to guard against electrification of water. But these elements always require inspection and maintenance.

Pool owners routinely have the local pool company replace and service pool lights, but it isn't enough. Pool technicians might know how to work on electrical equipment but they are rarely certified electricians. Pool owners should hire a certified electrician to inspect the electrical systems on a



Recent graduates are hitting the job market at just the right time.

(Oakland, Los Angeles, Glendale and San Francisco.) The lone non-California location ranked as least affordable was New York City.

Meanwhile, Iowa ranked most affordable twice (Cedar Rapids and Des Moines), with other cities including Overland Park, KS, Sioux Falls, SD, and Garland, TX.

Grads are most likely to be able to get jobs in Charleston, SC, Orlando, FL, Columbia, SC, Salt Lake City, UT, and Atlanta, GA. Cities with the least available entry-level jobs were Bridgeport, CT, Santa Clarita, CA, Garden Grove, CA, North Las Vegas, NV, and New York City.

To see the full results, visit [WalletHub.com](http://WalletHub.com).



Have your pool routinely inspected by a certified electrician.

routine basis, according to University of Alabama at Birmingham's Advanced Safety and Engineering Management.

An energized body of water can cause anything from tingling of the skin to paralysis, cardiac arrest and electrocution. The extent of injuries depends on the level of current going through the water.

## Good Clean Funnies

### First Seminar

The students were attending their first seminar on emotional extremes.

"Just to establish some parameters," said the leader, "Mr. Nichols, what is the opposite of joy?"

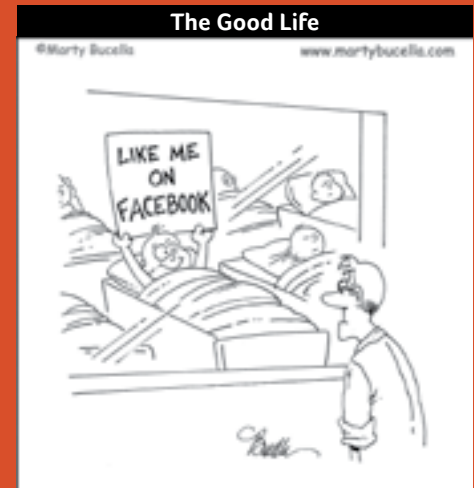
"Sadness," said the student.

"And the opposite of depression, Ms. Smith?"

"Elation."

"And you, sir, what is the opposite of woe?"

Bubba: "That would be giddyup."



## Moneywise

### Opening a custodial investment account for children

Parents can open brokerage accounts for their children and get tax breaks, according to The Motley Fool. Custodial accounts are so named because they are opened in the name of the parent and will remain under their control until the child turns 18 or 21 (depending on the state) and assumes ownership.

Other than the transfer of ownership, these brokerage accounts are the same as any other and investments can be made into any of the brokerage's offerings. Any withdrawals or earnings from the account will be taxed at the child's rate which is typically much lower than the household's. Money can be pulled out to cover certain expenses that would benefit the child.

**PROFESSIONAL  
CARPET  
SYSTEMS**



Professional Carpet Systems of North Denver  
3444 Huron Peak Ave  
Superior CO 80027

**Oriental and Area Rug Cleaning**  
**Premium Carpet Cleaning**  
**Pet Odor Removal**  
**Fine Fabric and Upholstery Cleaning**  
**Fabric and Carpet Protection**  
**Tile and Grout Cleaning**  
**Stone Cleaning and Polishing**  
**Water Damage Restoration**  
**Wood Floor Cleaning and Rejuvenation**

**303.403.1900** main  
**303.548.5946** emergency  
[www.pcssuperior.com](http://www.pcssuperior.com)



## Win a \$25 Restaurant Gift Card!

Read this edition of Healthy, Wealthy & Wise to find the answer to the following trivia question:

**The third step to successful odor elimination is to:**

- a. recreate the conditions of odor penetration
- b. clean the affected area and materials
- c. apply a deodorizing disinfectant spray
- d. teach pets to flush after using the toilet

Once you've found the correct answer, email it to [anna@pcssuperior.com](mailto:anna@pcssuperior.com). At the end of the month, we will draw from the correct answers and someone will win a \$25 restaurant gift card!

Contest Expires 8/31/2018.



**Need help with your wood floors and not sure where to turn?  
Professional Carpet Systems has your answer!**

*We are now fully trained and ready to offer residential wood floor deep cleaning and a rejuvenation recoat service. Minimal cure times and long lasting results. Bring back that clean floor shine that your home has been missing.*