

THE FACTS

About Drug Abuse

3rd Quarter 2014

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Statistics

* About 9% of those who experiment with marijuana—and nearly 17% of those who use it as teenagers—will become addicted.

* Marijuana causes more car accidents than any other illicit drug.

– <http://www.usatoday.com/story/news/nation/2014/04/15/doctors-addicted-drugs-health-care-diversion/7588401/>

J.B. Hunt Wins Award For Workplace Substance-Abuse Prevention

Psychemedics Corporation wants to congratulate our transportation industry client J.B. Hunt on their selection as “2014 Company of the Year on Workplace Substance-Abuse Prevention” by the Institute for a Drug-Free Workplace.

This national award recognizes companies for their successful drug-free workplace programs. Psychemedics’ client, J.B. Hunt Transport, received this award in the large business category (over 1,000 employees) based on evaluation criteria including program implementation and results.

J.B. Hunt, a Fortune 500 company and one of the largest North American transportation logistics companies, implemented Psychemedics hair testing in 2006, after a series of accidents led them to believe that the urinalysis testing required by the federal Department of Transportation (DOT) was not

enough to ensure safety.

The company evaluated testing options and selected Psychemedics’ hair test, believing it to be the most effective and reliable test for identifying drug abusers.

J.B. Hunt also chose Psychemedics’ patented hair test because of its proven track record -- Psychemedics pioneered hair drug testing and has been serving clients for over 25 years.

J.B. Hunt has released data comparing 64,814 hair and urine samples from the same individuals, with astounding results -- 3,690 (5.69%) tested positive on the Psychemedics hair test, but only 559 (0.86%) tested positive with urinalysis.

As a standard pre-employment practice, J.B. Hunt collects both a Psychemedics hair sample and a DOT-required urine sample. J.B. Hunt’s dedication to a drug-free workplace has paid off, resulting



in consistently lower drug-positive rates, fewer accidents, and zero post accidents positives since 2008.

The program has proven so successful that other transportation companies now also use Psychemedics hair testing for pre-employment screening.

Senior Director of Compliance at J.B. Hunt, David Whiteside, advises other companies, “**If hair testing is not part of the pre-hire program, add it.**”

Notes from Ray Kubacki

Dear Valued Clients and Friends,

We are extremely proud that our client, J.B. Hunt, has been nationally recognized for its drug-free workplace program. We applaud J.B. Hunt for its dedication to providing safe and reliable transportation services, and for its leadership role in utilizing the most rigorous hair test to ensure public safety on our roads. Psychemedics’ patented hair test played an important part in establishing this long-standing successful program.

As drug trends continue to change, it is more important than ever that companies have an effective drug testing program in place, like J.B. Hunt. In my last letter, I discussed how the prescription drug epidemic has led to a heroin explosion as well. Unfortunately, as you will read about on page 2, recent headlines show that this problem is not getting any better.

Psychemedics is proud of all of our clients and the efforts you are making to achieve a drug free workplace, and we remain committed to actively supporting your programs.

Best Regards,

Ray



Raymond Kubacki, Chairman & CEO,
Psychemedics Corporation

PSYCHEMEDICS COLLECTION UPDATE

At Psychemedics, we value your opinion and are extremely thankful for the feedback that we receive from our customers and partners. Our goal is to make our hair collection process as simple and easy as possible. Taking into consideration the feedback received from our clients, TPA partners and global collection network, we developed a new Collection Training Portal that includes the following resources and features:

- Full Training for New Collectors
- Refresher Training for Existing Collectors
- An Updated Training Manual
- New Training Videos
- A Collector Certification Exam
- A “Find a Collection Site” Tab (Pending/Still Under Construction)
- An Online Form to Set Up a Remote Collection
- An Online Supply Order Form
- A “Helpful Information” Tab that Includes Various Documents (Quick Start Guide, Electronic CCF Guide, Helpful Hints Guide)



The Collection Training Portal can be found on our website at www.psychemedics.com under the “Collection Information” tab.

As always, we welcome your thoughts and look forward to hearing your feedback!

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HEROIN IN THE NEWS

Jet Blue Pilot Arrested In Heroin Drug Bust

A JetBlue pilot is grounded after caught in a drug bust allegedly just hours before he planned to take off from Boston's Logan International Airport.

John Manwaring of Maitland, Fla., was arrested in an alley on a charge of heroin possession among five other people, CBS reported.

<http://www.nydailynews.com/news/national/jetblue-pilot-arrested-heroin-drug-boston-article-1.1875209>

Boston Public Works Employee Sold Drugs From City Truck

Boston police say they arrested a Boston Public Works Department employee for allegedly dealing heroin along his route while driving a city truck.

When police arrested him, Clark had more than \$1,000 in cash, plastic bags, and blue gloves. He was charged with distribution of Class A drugs, a second and subsequent offense.

<http://www.boston.com/news/local/massachusetts/2014/08/02/boston-public-works-employee-sold-drugs-from-city-truck/9Mkc7mqTprtl1901rtEYeO/story.html>

Worcester Officials Issue Advisory After Drug Deaths

At least nine people have died from suspected drug overdoses during the past six days, prompting authorities to issue urgent health warnings as the state's second-largest city became the latest front in the battle against heroin. “We're in the midst of a public health emergency,” said Derek Brindisi, Worcester's public health director.

www.bostonglobe.com/metro/2014/08/06/worcester-officials-issue-advisory-after-string-overdose-deaths/xcgLjpHvU9JAUsYXgEPobO/story.html



ASTOUNDING FACTS

A dangerous new trend going around involves snorting caffeine powder. Pure caffeine powder can be purchased legally online and one teaspoon is comparable to chugging 30 cups of coffee in one sitting. When ingested with other drugs or alcohol, the powder is incredibly dangerous and can cause seizures and/or death.

<http://www.viralglobalnews.com/health/caffeine-powder-deadly-new-trend-among-teenagers/12038/>

Silicon Valley Breeds New Kind Of Drug Abuser

With a booming startup culture cranked up by competitive VPs and adrenaline-driven coders, and a tendency for stressed-out managers to look the other way, illicit drugs and black-market painkillers have become part of the landscape in the world's frothy fountain of tech.



"I've had them from Apple, from Twitter, from Facebook, from Google, from Yahoo, and it's bad out there," says Cali Estes, a Miami-based addictions coach who has helped 200 tech workers — many of them high-level executives — struggling with everything from cocaine and heroin to painkillers such as oxycodone and stimulants such as Adderall, a prescription drug used to treat attention-deficit disorders.

"And it's a lot worse than what people think because it's all covered up so well," Estes adds. "If it gets out that a company's employees are doing drugs, it paints a horrible picture."

While precise numbers of techie drug users are not available, most treatment and addiction experts see evidence of a growing problem caused by a potent cocktail: newly minted wealth; intense competition between companies and among their workers; the deadline pressure of one product launch after another; and a robust regional black-market drug pipeline.

"There's this workaholic in the valley, where the ability to work on crash projects at tremendous rates of speed is almost a badge of honor," says Steve Albrecht, a San Diego consultant who teaches substance-abuse awareness for Bay Area employers. "These workers stay up for days and days, and many of them gradually get into meth and coke to keep going. Red Bull and coffee only gets them so far."

Drug abuse in the tech industry is growing against the backdrop of a national surge in heroin and prescription pain-pill abuse. Treatment specialists say overprescribing painkillers, such as the opioid hydrocodone, has spawned a new crop of addicts: working professionals with college degrees, a description that fits many of the thousands of workers in corporate Silicon Valley.

Link to Article: http://seattletimes.com/html/nationworld/2024203092_valleydrugsxml.html

Did You Know ??

Psychemedics is a proud sponsor of Team USA at the International Biology Olympiad



Psychemedics is honored to be a longtime sponsor of the USA team that competes in the Biology Olympics—a worldwide biology competition for high school students involving teams from over 60 countries.

Every member of "Team USA" has historically medaled at the IBO. All four members of Team USA in years 2004, 2007, 2008, 2009, 2011, 2012, and 2013 were awarded gold medals, and Team USA achieved the coveted Number 1 position in the world in 2011 and 2013. In 2014, Team USA attained three gold medals and one silver medal.

*Superior Detection
of Drug Abuse*

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Why Choose Psychemedics? ALL HAIR TESTING IS NOT THE SAME

Psychemedics Corporation is the world's largest provider of hair testing for drugs of abuse and has been successfully operating for over 25 years. Thousands of corporations, nationally and internationally, rely on the patented Psychemedics drug testing services. Psychemedics' clients include over 10% of the Fortune 500, many of the largest police departments both domestic and global, and six Federal Reserve Banks. In addition, the Company serves schools and colleges around the world. Our team of experts stand ready to help through every step: policy development, communication, implementation and sustainability.

Since 1987, Psychemedics has offered the most effective hair testing technology, based on scientifically validated drug testing methods. All hair testing is not the same – our patented technology uses a unique process to release the drugs trapped in the hair without destroying the drugs and removes virtually 100% of the drugs from the hair. Our patent is fundamental to hair analysis drug testing because if you cannot get all the drugs out of the hair, you cannot accurately measure them; and if you cannot accurately measure the drugs, you cannot identify all of the drug users. This proprietary technology provides superior detection of drugs of abuse, and is what sets us apart.

Case Studies Available!

Making the case for change is often about understanding the benefits that others have gained by changing their programs. If you would like to learn more about the implementation process and program results of our customers, please contact us at info@psychemedics.com for copies of the case studies we have available.