



**American Planning Association**

## What's cool at CES 2014: Robots, headbands & bulbs

**USA TODAY, 2014-01-06**

We roamed the previews at CES 2014 to get a glimpse of some cool new tech products. Here are some that got our interest:

--A robot vacuum cleaner is wonderful, but how about one that doubles as a wet-and-dry mop? We saw the folks at Moneual test it out. They drew on a table and spilled wine, as well. The unit picked it all up. The Moneual Rydis H68-Pro device is priced at \$499 and is expected to be in stores by June.

--Headphones that you wear as a headband. The "RunPhones" start at \$39.99 with a wire, or sell for more than \$100 with a wireless version.

--The battery-powered LED light bulb. There are lots of new LED light bulbs here at CES that run via apps, and that's cool. But how about a battery-powered bulb that promises to still shine -- for as long as four hours -- in the event of a power outage? Now that's really cool.

The Smart Charge LED bulb, expected in stores this summer, will sell for \$29.99 each.

--Wearable cameras are fun for capturing action sports and real life events. But they only record to memory cards. What if you could slip a camera on your body to capture your life -- and have it be broadcast in real time?

That's the game plan for Liquid Image, a start-up that in June will launch a line of wearable cameras that broadcast over Verizon's 4G LTE network. The camera sells for \$199. A broadcast module that pairs with the camera is another \$199. "Everybody wants to be a social hero, right?" asks Kent Pearson of Liquid Image.

AFP/Getty Images

A service of YellowBrix, Inc.

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# "runphones" Takes Innovation Award At CEs 2014

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**W** ear it, drive it or fly it appear to be the themes evolving from the Consumer Electronics Show's sneak peek event...[more »](#)



## What's Cool At The Consumer Electronics Show

1:15 PM, Jan 6, 2014

Jefferson Graham, [USA TODAY](#)

[LAS VEGAS](#) -- We roamed the previews at CES 2014 Sunday night to get a glimpse at some cool new tech products.

Here are some of the new gizmos that got our interest:

- A robot vacuum cleaner is wonderful, but how about one that doubles as a wet and dry mop? We saw the folks at Moneual test it out. They drew on a table and spilled wine as well, and the unit picked both of them up. The Moneual Rydis H68-Pro device is priced at \$499 and is expected to be in stores by June.

- Headphones that you wear as a headband. The "RunPhones" start at \$39.99 with a wire, or sell for over \$100 with a wireless version.

- The battery powered LED lightbulb. There are lots of new LED lightbulbs here at CES that run via apps, and that's cool. But how about a battery powered bulb that promises to still shine - for as long as 4 hours - in the event of a power outage?

Now that's really cool.

The Smart Charge LED bulb, expected in stores this summer, will sell for \$29.99 each. "You will never see a power outage," says Shailendra Suman, here at CES to promote his product.

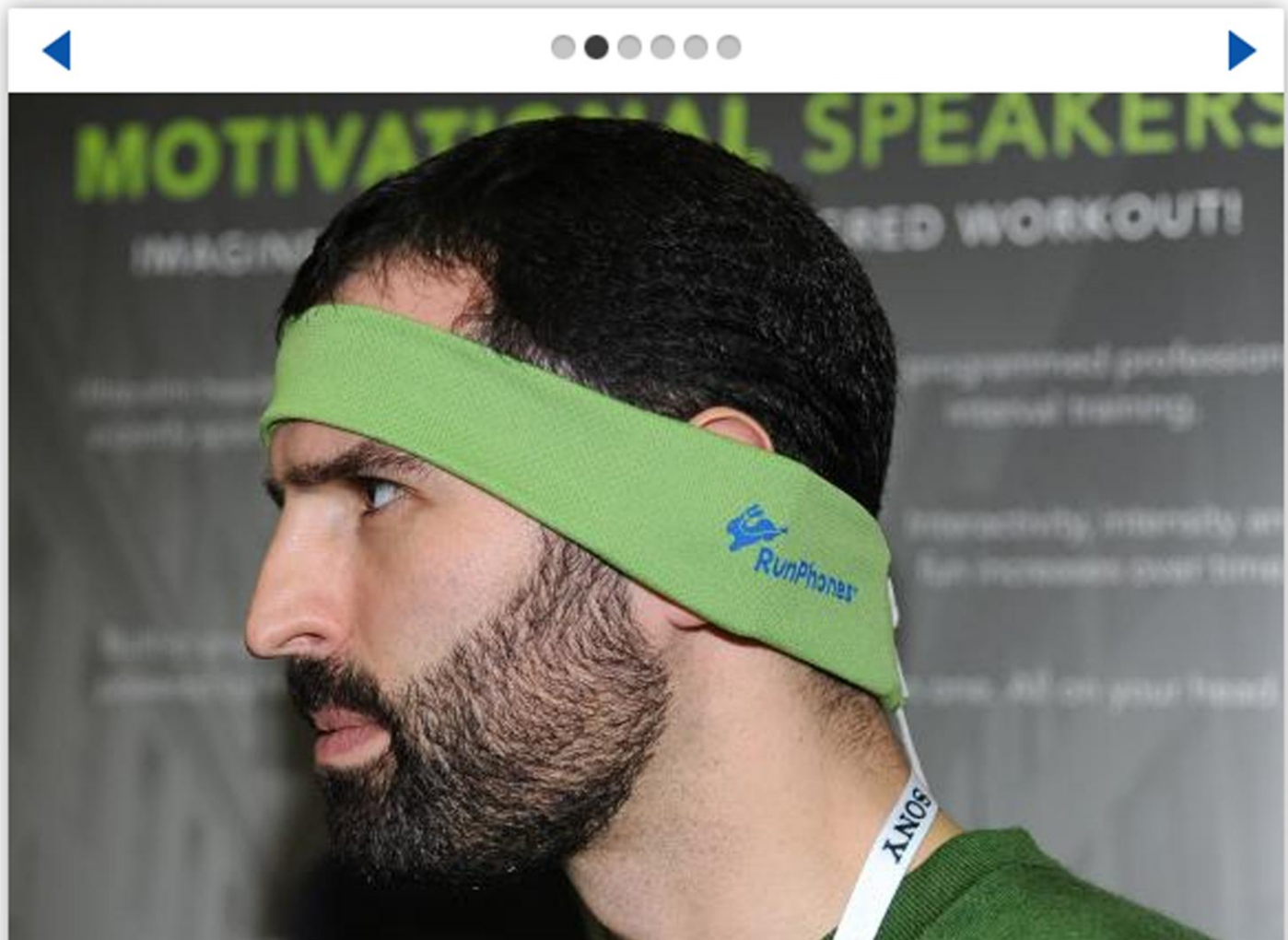
Look for more What's Cool roundups from CES all this week from [USA TODAY](#).

Follow [Jefferson Graham](#) on Twitter for the latest updates from CES 2014.

# 88.5 WFDD

## CES 2014: Toothbrush? Bed? Car? Put Some Internet On It

By NPR STAFF



*Credit Robyn Beck / AFP/Getty Images*

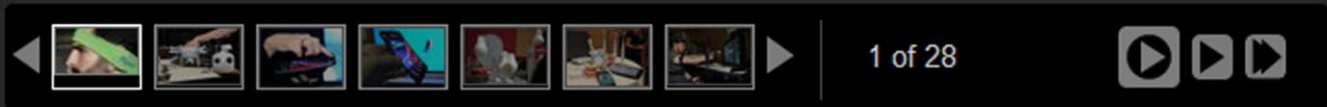
[Enlarge image](#) 

Casey Macioge with AcousticSheep LLC wears RunPhones, a moisture-wicking athletic headband with removable headphones.

Originally published on Tue January 7, 2014 11:18 am



## Gadgets unveiled at Consumer Electronics Show



Hkg9332221

*Credit: AFP/Getty Images*

Casey Macioge representing AcousticSheep LLC wears a RunPhones headband, a moisture wicking headband with removable headphones at the "CES: Unveiled," media preview for International CES, at the Mandalay Bay Convention Center in Las Vegas on January 5, 2014. The world's largest consumer technology trade show, also known as the Consumer Electronics Show (CES), runs from January 7 to 10. AFP PHOTO / ROBYN BECK (Photo credit should read ROBYN BECK/AFP/Getty Images)




# TULSA WORLD

## Bits & Bytes: Wearable tech seems more fashionable than useful

■ A look at the Week in Technology

Posted: Sunday, January 12, 2014 12:00 am | Updated: 9:59 am, Mon Jan 13, 2014.

By ROBERT EVATT World Business Writer |   
0 comments

The next buzzword in the tech world, and one we'll be hearing relentlessly for a few years, is "wearables."

The term refers to any technology you can attach to yourself like a fashion accessory. And there were dozens of them announced during the Consumer Electronics Show last week.

There were smartwatches by the score. Pebble unveiled the ruggedized Pebble Steel, and the Magellan Echo won innovation awards for its real-time fitness feedback and long-lasting battery.

Fitness bands multiplied, with new offerings from Sony, Razer, Garmin, LG and others working overtime to combine new fitness functions with social-network integration and, in some cases, integration with smartphones.

And there were the weird offshoots, such as the AcousticSheep RunPhones, which are earbuds within an athletic headband, and the Netatmo June, a bracelet that measures UV rays and tells you when to put sunblock on. Beyond that, it seems like the companies that didn't have a product to display said they plan to unveil one soon.

But let's be honest — wearables have been around long before marketing firms decided what to call them. Wind-up wristwatches are wearables. Fitbit, Nike's fuelband and other fitness bands have been going strong for a couple of years now. And the image of someone wearing the bizarre Google Glass is tough to forget. We've long had wearables and will continue to have them. But will they become the next big thing?

I'm skeptical for a few reasons. First is the origin of all the rumblings over smartwatches last year. This came about when economic pundits decided that we were overdue for a new tech revolution. Earth-shattering tablets came out three years after earth-shattering smartphones.

So logically we should have something cool and new by now, right?

I've mentioned this before, but the short span between these two amazing device types was a stroke of luck. Product revolutions don't happen on a regular timetable, no matter how much stockholders would like them to.

But the smartwatches came anyway. Samsung's Galaxy Gear, the most hyped entry, was a flop, and others made little traction. That's not to say smartwatches could never become useful.

Samsung is great at making solid versions of existing tech, but the company is not as skilled at innovating new things. But we've proven that people don't inherently find the idea irresistible.

A bigger problem with wearables is that they're fashion accessories and not just new tech. They're designed to be seen at all times and to look chic.

There's a reason the top watchmaking companies aren't the same as the biggest tech companies. The overlap between "tech genius" and "fashionista" tends to be a little thin.

In part, people rejected the Galaxy Gear because it's awkward and chunky. Google Glass may bring us new ways to interact with the world, but the design is hideous.

Creating a genuinely useful tech product is a daunting feat. But marrying that with fashion skills long-neglected by tech companies could take a minor miracle. We'll see if gadget-makers can pull that off.



**Travel + Leisure** @TravlandLeisure

Jan 7

From smart goggles to RunPhones, here are 2014 tech trends from @nikkiekstein at #CES2014: [tandl.me/1adpT5M](http://tandl.me/1adpT5M)

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# MarketWatch

THE WALL STREET JOURNAL.

January 7, 2014

## 10 cool tech gadgets from CES



◀ 4 of 11 ▶

### Blood, sweat and tunes

Casey Macioge, representing AcousticSheep LLC, wears a RunPhones headband, a moisture wicking headband with removable headphones at the "CES: Unveiled," media preview.

Photo: AFP/Getty Images



**The Detroit News**

**Technology** Technology

JANUARY 7, 2014 AT 1:00 AM

**Wear your tech on your sleeve**

CES to show new wave of gadgets that fasten to our bodies

RYAN NAKASHIMA ASSOCIATED PRESS



Casey MacIoge representing AcousticSheep LLC wears a RunPhones headband, a moisture wicking headband with removable headphones. (Robyn Beck / AFP/Getty Images)

Las Vegas— Will 2014 be remembered as the year wearable computing took off?

Upstart entrepreneurs and major manufacturers such as Samsung, Qualcomm and Sony certainly hope so.

Gadgets that you snap, buckle or fasten to your body are already marketed to fitness freaks obsessed with tracking every possible metric their bodies produce. There are countless smartwatches for tech nerds who'd rather glance at their wrists to check messages than reach for their smartphones. And thousands of people are already seeing the world differently with the help of the Internet-connected eyewear Google Glass.

Even with the possibilities these devices offer today, gadget lovers can expect technology companies to stretch the wearable concept further this week in Las Vegas at the International CES event, the industry's annual trade show.

Several companies are expected to unveil wearable devices that are easier to use, extend battery life and tap into the power of gestures, social networks and cloud computing.

The wearables wave is still in its early phases. Many of the technologies on display will offer a glimpse of the future — not necessarily products that are ready for the mainstream consumer.

These new gadgets are "like the first generation of the iPod," says Gary Shapiro, chief executive of the Consumer Electronics Association, the group that has hosted the trade show since 1967. "It was bulky and it wasn't that pretty. Look what happened. It got slimmer. It got better."

Industry analysts' estimates for the growth of wearables are rosy. Research firm IHS says the global wearables market — which also includes health products like hearing aids and heart-rate monitors — could top \$30 billion in 2018, up from nearly \$10 billion at the end of 2013.

While some of the growth will come from an aging population that requires more health-related monitoring at home, devices like the Fitbit Force activity band — which tracks a wearer's steps, calories burned, sleeping patterns and progress toward fitness goals — are also expected to gain popularity as deskbound workers look for new ways to watch their waistlines.

At this week's show, companies are likely to introduce improvements in wearable screens and battery life, says Shane Walker, an IHS analyst. The two are linked because the more a device tries to do, the more battery power it consumes. This creates demand for innovative low-power screens, but also for ways to interact with devices that don't rely on the screen, such as using hand gestures and voice.

"With wearable technology, it's all about battery consumption," Walker says.

What's driving the boom in wearable device innovation is the recent widespread availability of inexpensive sensors known as microelectromechanical systems (MEMS). These are tiny components like accelerometers and gyroscopes that, for instance, make it possible for smartphones to respond to shaking and for tablets to double as steering wheels in video games.

There are also sensors that respond to pressure, temperature and even blood sugar. Toronto-based Bionym Inc. will show off its Hymi wristband at CES. The gadget verifies a user's identity by determining his or her unique heartbeat. The technology could one day supplant the need for passwords, car keys and wallets.

Waterloo, Ont.-based Thalmic Labs Inc. plans to show off how its MYO armband can be used as a remote control device to operate a quadricopter drone. The band responds to electricity generated in forearm muscles as well as arm motions and finger gestures.

Co-founder Stephen Lake says the MYO is more akin to a mouse or keyboard that controls activities than the latest line of smart wristbands that simply track them.

"We've seen this shift away from traditional computers to mobile devices," Lake says. "Our belief is that trend will continue and we'll merge closer with technology and computers. New computer-human interfaces are what can drive these changes."

Wearables may not gain broad acceptance until sensors advance to a point where they can track more sophisticated bodily functions than heart rate, says Henry Samueli, co-founder of Broadcom Corp., which makes wireless connectivity chips for everything from iPhones to refrigerators. Monitors that measure blood sugar, for instance, still require test strips and pin-pricks.

"If you can monitor your blood chemistry with a wearable, now there we're talking about something pretty compelling," Samueli says. "Then I think the market will take off in a big way."

Companies are also expected to tweak the business models for wearable gadgetry as the devices become more mainstream. Fitness-focused wearables could one day help lower your health-care premiums if your insurer can verify your exercise regime. Always-on wristbands that know who you're with — and their preferences — could become vehicles for location-based restaurant advertising.

"I think you're going to see a lot of maturity in 2014 in the way companies think about their business," says J.P. Gownder, an analyst with Forrester Research.

Right now, the market is a swirling cauldron of ideas and products. Eventually, a winner may emerge.

Josh Flood, an analyst with ABI Research, says "the killer app" for a wearable product with the right mix of form, function and price "hasn't been identified yet."

Forrester's Gownder concurs. "It's a bit of a hype bubble," he says. "But so was the internet in 1999."

# ((( The Conference Reporter )))

Creating buzz about and throughout your event



## Product Reviews

We like to see the latest and greatest and products are fun and functional. If you have a product you would like to be reviewed, you can email us at [jo@TheConferenceReporter.com](mailto:jo@TheConferenceReporter.com)

### RunPhones & SleepPhones – Flat Headphones inside a headband

**PROBLEM:** My ears reject earbuds. I have to use ear hooks as headphones. Sometimes even those fall off when I run.

**SOLUTION:** This is a great solution. Believe me I have tried many kinds of headphones. I can also wear these under a hat when I am traveling without feeling the squeeze and pressure of the headphones tight to my head.

<http://www.runphones.com>

#### LIKES:

- You can adjust the ear pieces.
- You can take out the ear pieces to wash the headband.
- I especially like that the cord is on the back of the headband, so when you are running you don't grab it on accident with my arm. They have a wireless headphones too.
- The headphone wire is braided rope, so it doesn't seem to get tangled.

#### RESULTS:

Useful invention, great application, much needed. At \$39.95, I say it is worth it. I have both \$80-\$200 wireless headsets and also ear hooks under \$25 (these fall off and fall apart, I buy them often.) RunPhones are so much more comfortable. If you are exercising and sporting around, these are comfortable, great solution.

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## RunPhones #CES2014: [youtu.be/aUx4iXrHp0k?a](http://youtu.be/aUx4iXrHp0k?a) via @YouTube

Published on Jan 18, 2014

Brilliant idea! Particularly for those of us who can't wear earbuds. I can't wait to wear these. I need them. <http://www.runphones.com/>

Wear flat earphones in your headband- they don't fall out of your ears RunPhones #CES2014



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## 4 NBC WASHINGTON

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By Mekahlo Medina | Monday, Jan 6, 2014 | Updated 9:03 AM EST

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"RunPhones" walked away with an innovation award at the show and was a big hit on the floor. "It's a simple concept, but one that a lot of runners needed," said Casey Macioge, RunPhone marketing manager. "Earbuds always fall out of your ear and it can ruin the running experience. This solves it."

Drones are also back this year, but the have evolved from toys.

DJI Innovations, with offices in Los Angeles, showed off an eight propeller drone that can hold a Canon 5D camera and be used by cinematographers.

The idea could be revolutionary for Hollywood and cost effective.

"It's still in the early stages, but the prototype images are amazing," said Paul Pan, DJI Innovations product manager.

"We still need to gain federal approval to fly these devices, but we are confident we are well on our way."

The Federal Communication Commission is set to address drone use for business by 2015.

Amazon has recently unveiled its plan to use the devices for delivery purposes.

Cars will also be highlighted at CES this year with nine of the world's top manufacturers showcasing at the show.

Ford is expected to unveil a solar powered car with solar panels built into the roof of the cars.

But by far, the biggest trend appears to be wearable technology.

From wristwatches that sync to your mobile device to fitness monitors that collect data on your body, wearable technology is set to dominate the show.

"We are advancing our wearable technology from not only a device but also advice," said Paul Landau, CEO of FitBug. "We want to take the data FitBug collects and help design a program that you choose that can help you lose weight or build muscle."

Heapslyon unveiled the world's first "smart socks."

The \$100 socks can track how a user's foot hits the ground, the rhythm of each step and length of each stride.

The socks' sensors learn how the user runs and claim they can alert people to the possibility of injury. Heapslyon is among an emerging trend of startups that raised money through online investors like crowdfunding sites Kickstarter or Indiegogo.



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## NBC10 PHILADELPHIA

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**NBC CONNECTICUT**

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"It's still in the early stages, but the prototype images are amazing," said Paul Pan, DJI Innovations product manager.

"We still need to gain federal approval to fly these devices, but we are confident we are well on our way."

The Federal Communication Commission is set to address drone use for business by 2015.

Amazon has recently unveiled its plan to use the devices for delivery purposes.

Cars will also be highlighted at CES this year with nine of the world's top manufacturers showcasing at the show.

Ford is expected to unveil a solar powered car with solar panels built into the roof of the cars.

But by far, the biggest trend appears to be wearable technology.

From wristwatches that sync to your mobile device to fitness monitors that collect data on your body, wearable technology is set to dominate the show.

"We are advancing our wearable technology from not only a device but also advice," said Paul Landau, CEO of FitBug. "We want to take the data FitBug collects and help design a program that you choose that can help you lose weight or build muscle."

Heapslyon unveiled the world's first "smart socks."

The \$100 socks can track how a user's foot hits the ground, the rhythm of each step and length of each stride.

The socks' sensors learn how the user runs and claim they can alert people to the possibility of injury. Heapslyon is among an emerging trend of startups that raised money through online investors like crowdfunding sites Kickstarter or Indiegogo.

## NBC BAY AREA

### "RunPhones" Takes Innovation Award at CES 2014

By Mekahlo Medina | Monday, Jan 6, 2014 | Updated 9:03 AM EST

Wear it, drive it or fly it appear to be the themes evolving from the Consumer Electronics Show's sneak peek event "Unveil" Sunday in Las Vegas.

It's the first event in the country's oldest and largest electronics show that officially kicks off on Tuesday.

NBC4 scoured the floor at the event to find emerging technology that dazzled CES officials and soon the public. Among the big favorites is a simple concept, earphones embedded into a headband for running.

"RunPhones" walked away with an innovation award at the show and was a big hit on the floor. "It's a simple concept, but one that a lot of runners needed," said Casey Macioge, RunPhone marketing manager. "Earbuds always fall out of your ear and it can ruin the running experience. This solves it."

Drones are also back this year, but they have evolved from toys.

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## Internet of Things: Media disruption ahead

January 9, 2014

A major focus of this week's International CES trade show in Las Vegas is connected devices, also known as the [Internet of Things](#). This new wave of "smart" objects ranging from [crock pots](#) to [door locks](#), along with wearable devices such as watches, eyeglasses and clothing, will disrupt many industries, including media and marketing.

This year's edition of CES, the annual tech-fest in Sin City, features more than 3,200 exhibitors spread across 2 million square feet of exhibit space – many of them talking up the Internet of Things. In a [pre-show keynote](#) on Monday, Intel CEO Brian Krzanich explained how connected devices are creating a world of "immersive experiences" that change the way people live, work and play.

Cisco CEO John Chambers continued the meme during his [Tuesday keynote](#), asserting that the Internet of Everything – Cisco's term for the concept – will generate \$19 trillion in new revenue generation, cost savings, or better services in the public and private sectors over the next 10 years. 2014, he said, "will be the transformational pivot point for the Internet of Everything – where it moves onto Main Street."



Cisco predicts that 25 billion devices will be connected by 2015, rising to 50 billion by 2020. Gartner's forecasts are more conservative. The research firm predicts that 26 billion devices – excluding PCs, tablets and smartphones – [will be connected in 2020](#), a nearly 30-fold increase from just under 1 billion connected devices in 2009. These devices will result in \$1.9 trillion in added economic value globally across a variety of industries, led by manufacturing, healthcare and insurance.

"Businesses are beginning to realize this is going to be a money maker [that will] enable them to interface with their customers and employees differently," Chambers said. "It will change the world in a very unique way."

Consumers seem eager to lead the way. In a [new Accenture survey](#), 52% of consumers said they are interested in buying wearable technologies such as fitness monitors for tracking physical activity and managing their personal health. Many are also interested in buying smart watches (46%) and Internet-connected eyeglasses (42%).

Importantly, more than half said they were willing to share personal data in exchange for improved services or discounts – as long as some basic privacy policies were in

place.

The proliferation of connected devices – and the consumer data they produce – might explain why CES has become an [important venue for marketers](#) who want to learn more about the impact of technology on consumers' lives.

Wearable and other connected devices provide an opportunity for marketers to re-envision their relationship with consumers. Scott Dorsey, CEO of Salesforce ExactTarget, said during a CES panel discussion.

"With connected products and devices, we have an explosion of channels through which marketers can connect with their customers," Dorsey said. "The consumer is at the center of this wave of innovation."



The ability to collect physical, "real-world" data from devices such as the Nike Fuelband "really informs what kinds of content your customers are interested in and how you engage with them more deeply," Dorsey said. "That drives more business and better loyalty."

Here's just a sampling of CES product announcements and demos that underscore how wearable devices and the Internet of Things are moving from concept to reality:

Here's just a sampling of CES product announcements and demos that underscore how wearable devices and the Internet of Things are moving from concept to reality:

- A [bevy of smartwatches](#) from companies including Pebble, LG, MetaWatch, FILIP and Intel. The Verge notes that the latest generation of smartwatches are not as unsightly as first-generation entrants, and thus more likely to push these devices to the mass market.
- A variety of fitness trackers, including the Razer Nabu, a wristband device that [combines health monitoring with social and phone notifications](#).
- The [June smart wristband](#) from Neatamo, which monitors sunlight exposure and recommends what level of sunscreen to wear.
- AcousticSheep's RunPhones, a set of headphones [embedded into a headband](#).

Intel also demonstrated a set of smart earbuds that, when paired with a smartphone app, monitor a runner's pace, location and even heart rate.

- A [fitness sock from Heapsylon](#) that gives users real-time feedback on their running technique.
- Myriad [smart appliances](#) for the home, including ovens, dishwashers, robotic vacuums, thermostats and the aforementioned crock pots and door locks.



The opportunities for marketers and media companies begin with finding ways to make direct connections with consumers through these devices. Where the opportunities end is anyone's guess.

# Chron

## 2014 International CES

January 6, 2014



PHOTO BY ROBYN BECK/AFP/GETTY IMAGES

1 of 45 >

Casey Macioge representing AcousticSheep LLC wears a RunPhones headband, a moisture wicking headband with removable headphones at the "CES: Unveiled," media preview for International CES.



## CHICAGO SHOPPING

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### **Photos: Cool new gadgets from CES 2014**

January 9, 2014 11:16 am



RunPhoner headband Robyn Beck/AFP/Getty Images

Casey Macioge, representing AcousticSheep LLC wears a RunPhones headband, a moisture wicking headband with removable headphones.

Here are some of the most interesting new gadgets on display at the Consumer Electronics Show in Las Vegas. The world's largest annual consumer technology trade show, runs from Jan. 7-10 and is expected to feature 3,200 exhibitors showing off their latest products and services to about 150,000 attendees.

## *Survival of the Fittest*

# New Fitness Tech Revealed at CES 2014

Carolyn Viggli Fitness / January 8, 2014

One of my favorite channels on YouTube, SourceFedNerd, made a [video](#) discussing some of the awesome new fitness tech that is being introduced at CES 2014.



I thought the coolest gadget they talked about is RunPhones. A headband that plays audio so you can listen to music or workout instructions while keeping your ears warm while you workout outside!



Other than the tech mentioned in this video, other fitness gadgets introduced at CES this year include headphones that track your heart rate from LG and a fitness wristband (similar to a fitbit) from Archos that tracks your fitness information such as steps taken and calories burned.

Would you buy any of the fitness tech being unveiled at CES this year?

## BrowseTechnology.com

### What's cool @CES2014: Robots, headbands & bulbs

Jefferson Graham, USA TODAY three:23 a.m. EST January 6, 2014

The Rydis vacuum cleaner with constructed-in mop will promote for \$499(Picture: Sean Fujiwara)

#### Story Highlights

- Three enjoyable new products touted @CES2014
- A robotic vacuum cleaner that additionally mops
- A battery operated bulb?

LAS VEGAS — We roamed the previews at #CES2014 Sunday evening to get a glimpse at some cool new tech products.



Listed below are one of the most new gizmos that bought our passion:

— A robotic vacuum cleaner is excellent, however how about person who doubles as a moist and dry mop? We noticed the oldsters at Moneual . They drew on a desk and spilled wine as neatly, and the unit picked each of them up. The Moneual Rydis H68-Professional device is priced at \$499 and is anticipated to be in outlets with the aid of June.

— Headphones that you simply put on as a scarf. The "RunPhones" start at \$39.ninety nine with a wire, or promote for over \$one hundred with a wi-fi model.

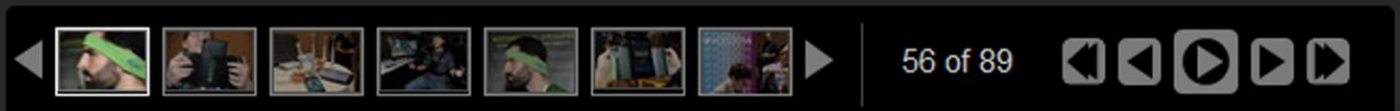
— The battery powered LED lightbulb. There are many new LED lightbulbs right here at CES that run by way of apps, and that's the reason cool. However how a couple of battery powered bulb that guarantees to nonetheless shine — for so long as four hours — within the experience of an influence outage?

Now which is truly cool.





## Consumer Electronics Show 2014



*Credit: AFP/Getty Images*

Casey Macioge representing AcousticSheep LLC wears a RunPhones headband, a moisture wicking headband with removable headphones at the "CES: Unveiled," media preview for International CES, at the Mandalay Bay Convention Center in Las Vegas on January 5, 2014. The world's largest consumer technology trade show, also known as the Consumer Electronics Show (CES), runs from January 7 to 10. AFP PHOTO / ROBYN BECK (Photo credit should read ROBYN BECK/AFP/Getty Images)