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## To hear better, put your glasses on: Study

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Holiday guests slowing  
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New York, Dec 10 (IANS) Can you always accurately tell where in your neighbourhood a sound, say of a cracker burst, originated? If you say yes, you are wrong, according to the findings of a new **study**.

Our vision and **hearing** are not as reliable as we might think, the **study** by life scientists at University of California-Los Angeles (UCLA) said.

"Our basic sensory representation of the world – how information from our eyes and ears is processed by neurons in the brain – is inaccurate," said senior **study** author Ladan Shams.

Shams and her colleagues conducted the research to examine whether humans' "spatial localization" ability – that is, whether we can immediately and accurately perceive where an object is located – is as well-honed as we believe it to be.

In the study, subjects were asked to sit facing a black screen, behind which were five loudspeakers.

Mounted on the ceiling above was a projector capable of flashing bursts of **light** onto the screen, at the same spots where the speakers were located.

The scientists played brief bursts of sound and triggered flashes of light, in various combinations, and asked participants to identify where they originated.

The subjects fared poorly when the **light** and sound were played alone.

"We didn't expect these spatial errors; they're very counterintuitive," Shams said.

The **study** participants did, however, answer much more accurately when the flashes and noise were played simultaneously at the same location.

"The brain is wired to use information from multiple senses to correct other senses. The saying is true: 'If you want to hear better, put your glasses on,'" Shams said.

The **study** was published in the journal PLOS Computational Biology.

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The image shows the front page of Can-India NEWS from December 11, 2015. At the top, there are three small ads: DR. NEIL J. GAJJAR (Family Physician), Trident Law (Corporate, Business, Real Estate), and Homeopathic Plus Centre (Homeopathy). Below these is a banner for 'CELEBRATING 17 YEARS'. The main headline is 'Salman Khan acquitted of all charges in 2002 case' with a photo of Salman Khan being escorted by police. A sidebar on the left discusses the QEW and Highway 427 HOT lanes project.

## QEW and Highway 427 to have HOT lanes

OAKVILLE

Ontario is moving ahead with its high-speed toll (HOT) lanes. The Queen Elizabeth's Way (QEW) from Mississauga to Guelph Lane in Burlington has been selected as the pilot project, and will be up and running by 2017.



No details on rates yet

## Professionals and small business owners nervous about income tax hike

OTTAWA

Professionals and small business owners broke out into a sweat as the Liberals confirmed their decision to hike taxes on incomes above

\$200,000. Their uneasiness was fuelled by the prospect that the increased tax hike on Canada's top one per cent of earners from January 1 is just beginning of the Liberal plan to get those in the high-income bracket to pay more.

The middle-income group on the other hand, those earning between \$44,204 and \$89,400 will receive a tax break.

(A1)

### Brampton man wins Princess Margaret Sweepstakes



#### Minnie Dandona

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## South Asian among arrested in Banners Broker pyramid scheme

TORONTO

Two Canadians have been arrested following an investigation into a pyramid scheme that allegedly took in more than US\$650 million (CAD\$832.6 million CAD). Christopher George Smith, of Toronto and Rajiv Desai of Vancouver (both 45 years of age) appeared in a Toronto court on Wednesday after their arrest. They have been charged with fraud, possession of the proceeds of crime and laundering the proceeds of crime, operating a pyramid scheme and

making false representations under Canada's Competition Act.

According to Toronto Police the scheme operated between October 2009 and March 2010, out of an address on Church Street.

Known as "Banners

A3

## San Bernardino shooting's Mississauga connection

MISSISSAUGA

As more information about the San Bernardino shooters surfaces, a Mississauga connection is revealed. Tashfaa Malik, the 29-year-old woman who went on a rampage along with her husband, studied at the Al-Huda Institute in Pakistan whose founder Farhat Hashmi is al-

legedly now living in Mississippi.

Described as a high-profile religious school in Malakia, Pakistan in 2003-04, this women-only madrasa is reported to have branches in Canada and the United States.

The Mississauga campus is located on McAdam Road and has approximately

nearly 900 students enrolled in classes from kindergarten to Grade 12.

A CBC report

A2

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### **South Asian, Rohinie Bisesar wanted for attempted murder (<http://www.canindia.com/south-asian-rohinie-bisesar-wanted-for-attempted-murder/>)**

UPDATE: Rohinie Bisesar arrest and denied bail in alleged 'unprovoked' stabbing attack Toronto,...

DEC 14TH, 2015

### **Justin Bieber serenades Selena Gomez (<http://www.canindia.com/justin-bieber-serenades-selena-gomez/>)**

Los Angeles, November 22 (CINEWS): Justin Bieber and Selena Gomez were spotted hanging out...

NOV 23RD, 2015

### **Katrina Kaif calls Rishi Kapoor "papa" (<http://www.canindia.com/katrina-kaif-calls-rishi-kapoor-papa/>)**

Mumbai, November 20 (CINEWS): Katrina Kaif has been living in with Ranbir Kapoor for near a year...

NOV 20TH, 2015

### **Prince William, Kate to visit India next year (<http://www.canindia.com/prince-william-kate-to-visit-india-next-year/>)**

London, Nov 13 (IANS) Prince William and Kate Middleton, the Duke and Duchess of Cambridge, will...

NOV 13TH, 2015

### **Kashmir issue unfinished agenda, says Nawaz Sharif (<http://www.canindia.com/kashmir-issue-unfinished-agenda-says-nawaz-sharif/>)**

Islamabad, Nov 16 (IANS) Pakistan does not see Kashmir dispute as a geographical or border issue,...

NOV 16TH, 2015

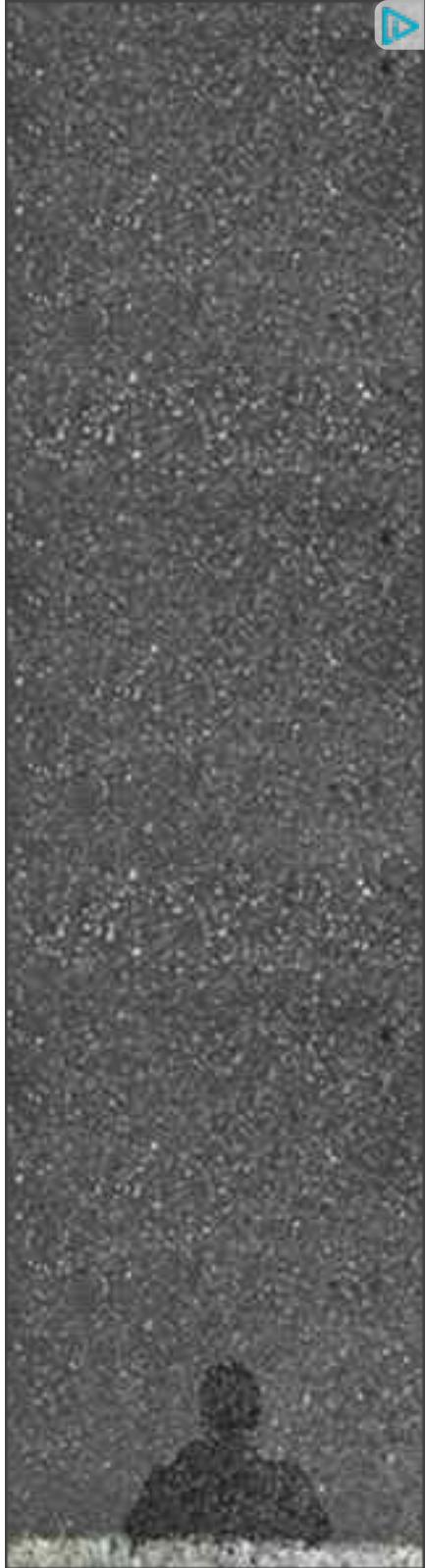


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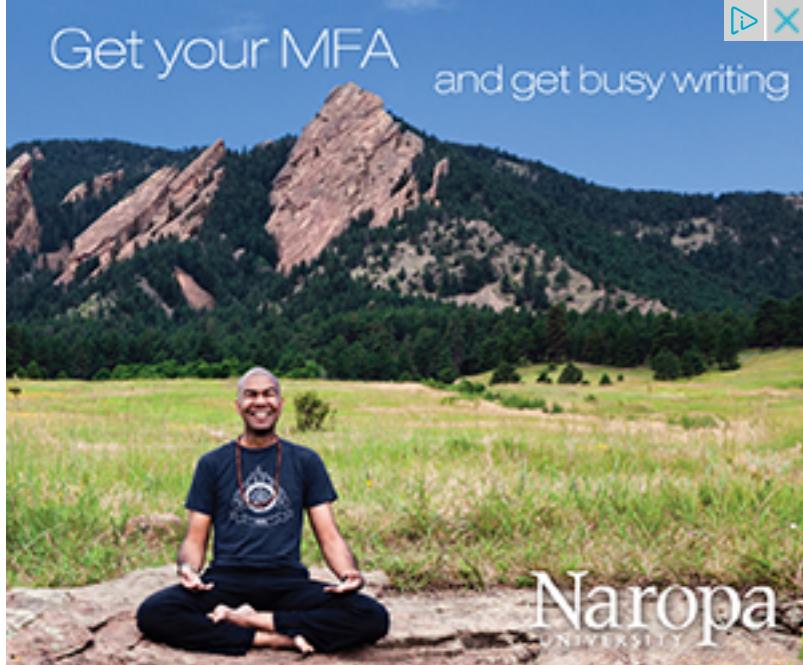
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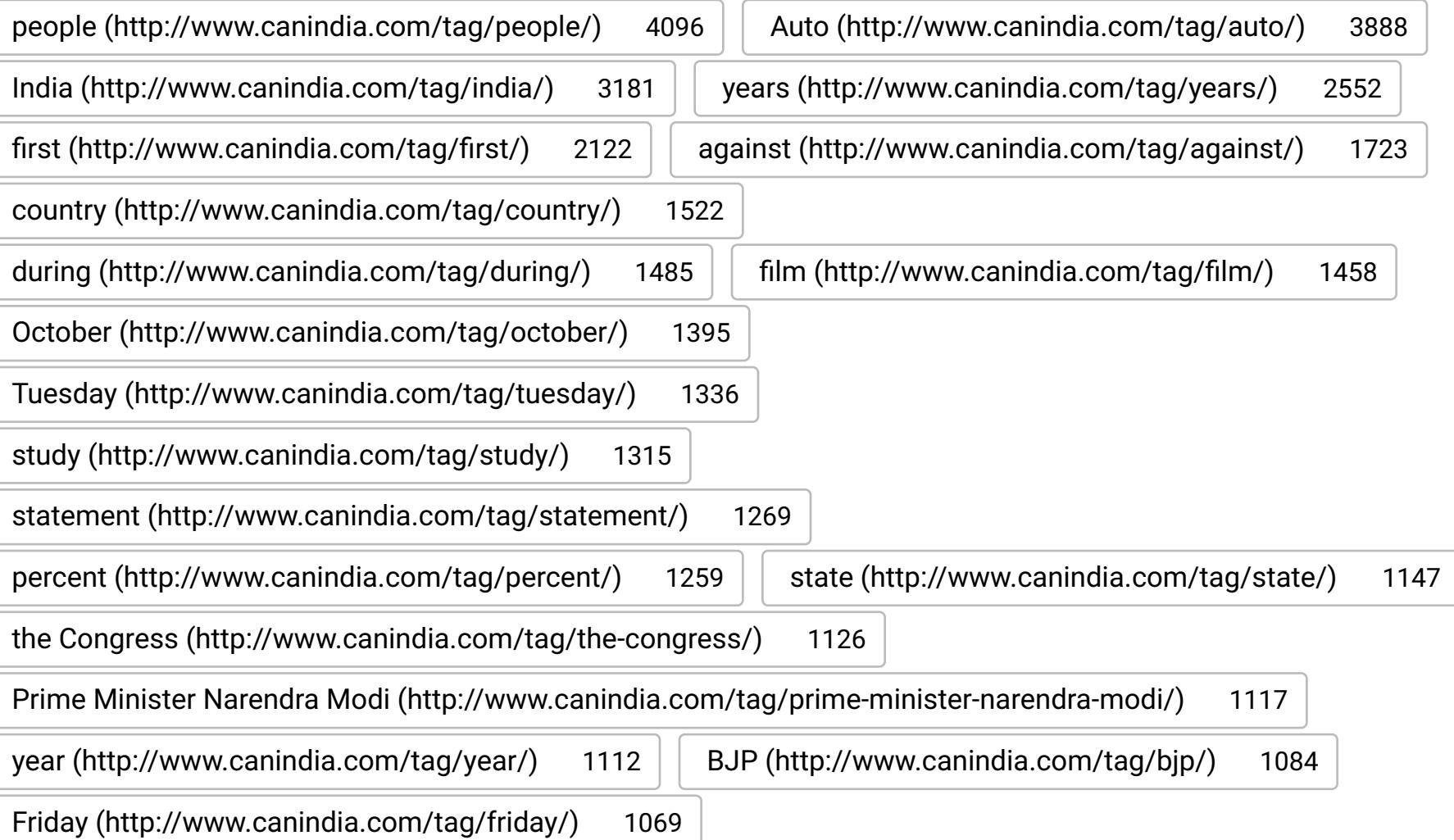
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