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SaRuMaN



Site Webmaster

[Admin](#)

Group: Administrator
Posts: 5969
Joined: 6-March 01
From: Scotland
Member No.: 3

Country: Scotland
Gender: Male

'The White Wizard is cunning. He walks here and there, they say, as an old man hooded and cloaked.'

Jan 6 2005, 11:59 AM



A woman who cannot recognize fear in people's faces is causing neuroscientists to rethink theories of how our brains read emotions.

Scientists have been testing the 38-year-old woman for more than a decade. She has a rare disease that has damaged both sides of her amygdala, the almond-shaped part of the brain that is known from imaging studies to be involved in recognizing facial expressions. The

woman, known as SM, finds it very difficult to tell from facial expressions when another person is afraid, although she has no problem recognizing other emotions, such as happiness, sadness and anger. Originally, researchers thought this meant that different emotions are processed by distinct neural circuits in the brain. But new studies with SM, published in this week's Nature, suggest quite a different explanation. Neuroscientist Ralph Adolphs of the California Institute of Technology in Pasadena and his colleagues showed SM photographs of various different facial expressions and asked her what emotion she thought the people were feeling.

Researchers have done this many times before. But this time, to find the part of the faces on which SM was focusing, the team used a 'bubble test' in which only part of the face is revealed at a time. The researchers were intrigued to find that SM totally avoided looking at people's eyes. She discerned her information simply from looking around the nose and mouth.

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- SaRuMaN -

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Kellalor

Majestic 12 Operative



Group: Member
 Posts: 2401
 Joined: 17-February 04
 From: TX
 Member No.: 5132

Country: United States
 Gender: Female

BabyDrudge

Jan 6 2005, 03:53 PM

Post #2

The subtleties of facial expression is very fascinating.
 It's amazing how such a wide variety of emotions can be expressed by just the smallest changes.
 Equally amazing is how we're able to so easily recognize these changes.

 A man can no more diminish God's glory by refusing to worship Him than a lunatic can put out the sun by scribbling the word, 'darkness' on the walls of his cell. - CS Lewis

"The world is a dangerous place to live, not because of the people who are evil, but because of the people who don't do anything about it." - Einstein

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Maekrix

Extraterrestrial



Group: Member
 Posts: 87
 Joined: 6-November 04
 From: Maine
 Member No.: 11482

Country: United States
 Gender: Male

"Mind what people do, not only what they say, for deeds will betray a lie." "Nemo me impune lacessit: No one assails me with impunity."

Jan 6 2005, 09:02 PM

Post #3

QUOTE(Kellalor @ Jan 6 2005, 11:53 AM)

The subtleties of facial expression is very fascinating.
 It's amazing how such a wide variety of emotions can be expressed by just the smallest changes. Equally amazing is how we're able to so easily recognize these changes.

Agreed. This kind of makes me wonder what the woman looks like when she is scared. Is it the same as others or is it different? I'm thinking it could be similar to how a deaf person (without ever using hearing aids) might struggle more than a person who isn't deaf would with pronouncing words... you know that kind of deal. Are facial expressions programmed at birth or during development stages in childhood? I wonder..



THE RAVEN'S NEST FORUM- <http://www.ravennest.tk/>

"there's too much anger inside me
 there's too much scarring when i bleed
 there's too much therapy i need
 there is no god that i have seen" -Smile Empty Soul, Therapy

OFF  CARD PM TOP**Kellalor**

Majestic 12 Operative



Group: Member
 Posts: 2401
 Joined: 17-February 04
 From: TX
 Member No.: 5132

Country: United States
 Gender: Female

BabyDrudge

Jan 6 2005, 09:09 PM

Post #4

QUOTE

Are facial expressions programmed at birth or during development stages in childhood? I wonder..

It's in the developmental stages.

Feral children or children that have been isolated since birth, usually do not have much facial expression.

Same for speech. If you don't learn how to talk by a set age, you never will. You might be able to learn the meanings of words, but never actual conversation. I forget what age it is...

 A man can no more diminish God's glory by refusing to worship Him than a lunatic can put out the sun by scribbling the word, 'darkness' on the walls of his cell. - CS Lewis

"The world is a dangerous place to live, not because of the people who are evil, but because of the people who don't do anything about it." - Einstein

OFF  CARD PM TOP**AztecInca**

Telekinetic



Group: Debate Judges
 Posts: 3470
 Joined: 13-April 04
 From: Australia, the land down under!!!
 Member No.: 6165

Country: Australia
 Gender: Male

Life is forever , but we are just passing through!

Jan 7 2005, 12:42 AM

Post #5

Just imagine if we could completely control our facial expressions in every possible detail!

 I am me and you are you!!! accept it!!!

Without a past there is no future!!!

King of the political monkeys!!!(I love Tiddlyjen)

OFF  CARD PM TOP**ROGER**

Remote Viewer



Group: Member

Jan 7 2005, 05:38 AM

Post #6

Some people can and do control facial expressions, and actors like Red Skelton could tell a whole story with out a word. What I wonder is how G.W. Bush got where he is, because watching him debate with Kary you could all most read his mind by looking at him.

I'd rather be like Spoke on Star Trek -- show know one your emotions, and you don't get played.

Posts: 284

Joined: 26-August 04

Member No.: 9259

Country: United States

Gender: Male

*JUBAL HARSHAW(stranger in
a stange land)*

Right Girls! 😊

[ON](#) [CARD](#) [PM](#)[↑ TOP](#)**nate0192**

Jan 8 2005, 09:38 PM

Post #7

Remote Viewer



Group: Member

Posts: 196

Joined: 4-May 04

From: virginia

Member No.: 6607

Country: United States

Gender: Male

QUOTE

Agreed. This kind of makes me wonder what the woman looks like when she is scared. Is it the same as others or is it different? I'm thinking it could be similar to how a deaf person (without ever using hearing aids) might struggle more than a person who isn't deaf would with pronouncing words... you know that kind of deal. Are facial expressions programmed at birth or during developement stages in childhood? I wonder..

she doesn't get scared. your amygdalas are the part of your brain that make you feel fear.

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