

SCIENTIFIC AMERICAN

March 2011 ScientificAmerican.com

**THE NEUROSCIENCE
OF RESILIENCE**

How Minds Bounce Back

Where we get
the strength
to go on

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Mercury
Up Close

Dinosaurs
Ancient
Mystery
Solved

Medicine
New Uses
of Stem
Cells



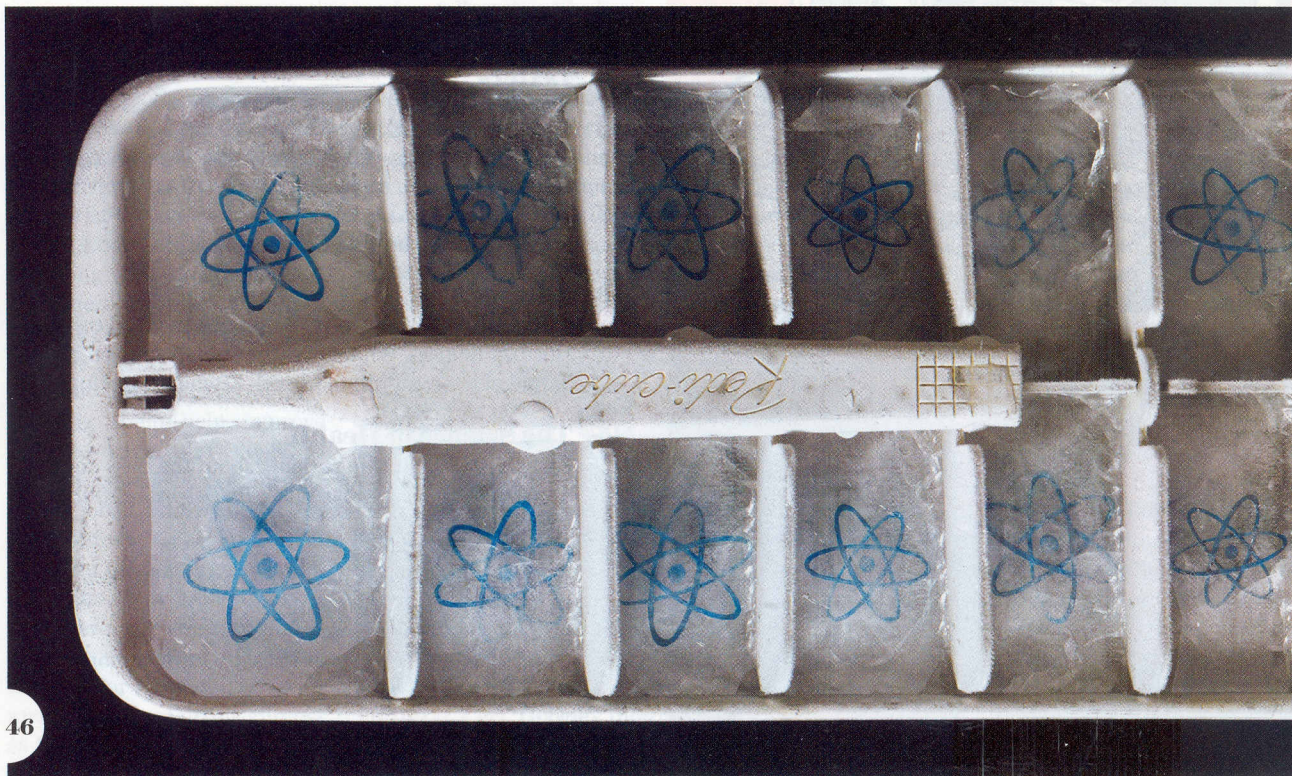
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Psychological resilience—once considered rare—turns out to be the norm. We can withstand bereavement, natural disasters, terrorist attacks, usually emerging emotionally intact. Studies of the neurobiology and the psychology underlying resilience have begun to reveal the essentials of this attribute, which has allowed us to survive throughout the eons. Illustration by Kenn Brown, Mondolithic Studios.

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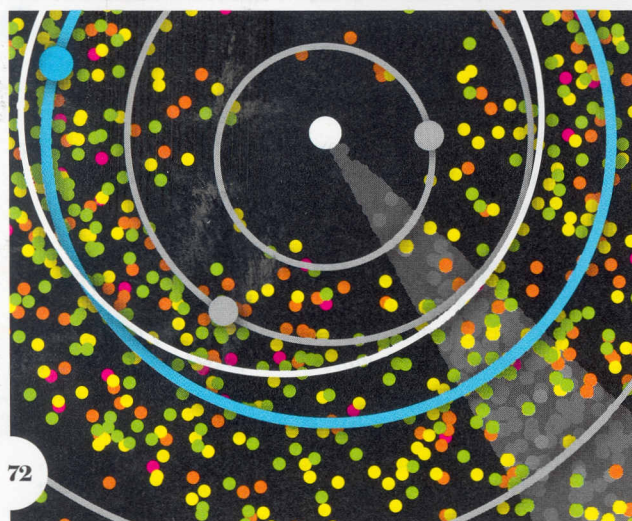
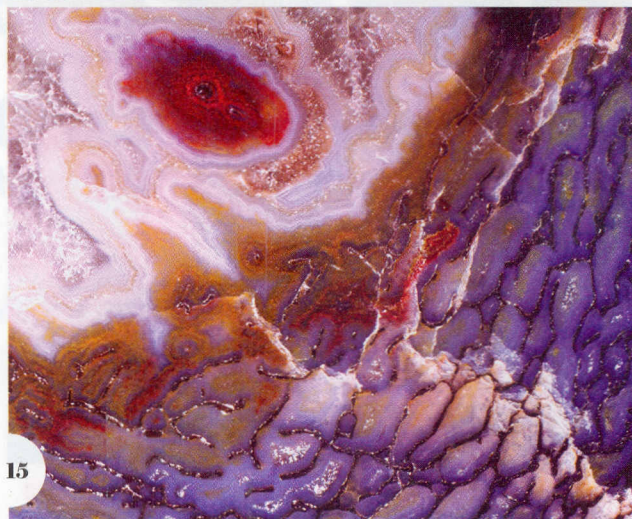
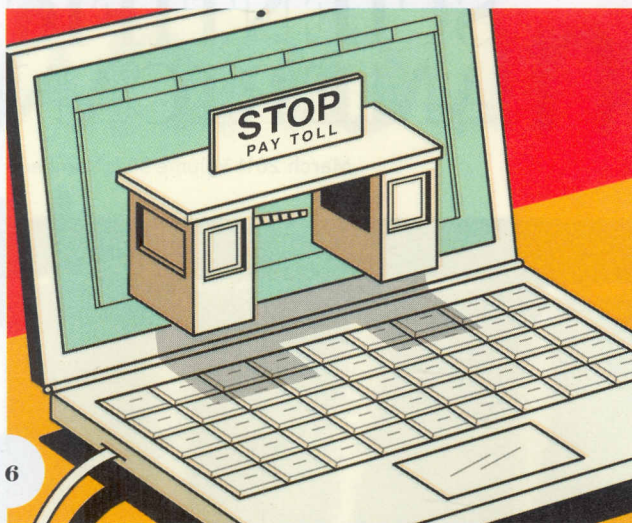
Death by asteroid. *By Mark Fischetti*

ON THE WEB

"Science without Borders" inside the Beltway

The American Association for the Advancement of Science brings together researchers from countless disciplines and backgrounds. Appropriately enough, this year's meeting in Washington, D.C., was themed "Science without Borders."

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