# SCIENCE NEWS

## CONTENIDO

# VOLUME 179 No. 1, JANUARY 2011

### IN THE NEWS

5	<ul><li>Story One.</li><li>Mono Lake microbe trained to munch arsenic.</li></ul>
8	<ul><li>Earth.</li><li>Predicting avalanches with glacial icequakes.</li></ul>
	<ul> <li>Fluid channels focus to carve.</li> </ul>
9	<ul><li>Matter &amp; Energy.</li><li>Mercury isotope splits oddly.</li></ul>
	<ul> <li>Light generates lift.</li> </ul>
10	<ul><li>Atom &amp; Cosmos.</li><li>Universe full(er) of stars.</li></ul>
	<ul> <li>Long-gone moon may have left ice for Saturn's rings.</li> </ul>
	<ul> <li>Crab nebula goes gamma.</li> </ul>
	<ul> <li>Slow twirl for Milky Way's central black hole.</li> </ul>
	<ul> <li>Stellar winds smash photons.</li> </ul>
12	<ul><li>Molecules</li><li>Rough explanation for diamond polishing.</li></ul>
	• Snotty smells.
14	<ul><li>Body &amp; Brain.</li><li>Mixed message on Vitamin D recommendations.</li></ul>
	• H1N1 midlife immunity crisis blamed on mismatched antibodies.
15	<ul><li>Life.</li><li>Fungi can't take the heat.</li></ul>
16	<ul><li>Humans.</li><li>Thirtysomethings remember faces better than younger folks do.</li></ul>

• Higher levels of well-being for those with friends at church.

### SPECIAL SECTION

#### 18 Science news of the year.

COVER STORY: *Science News* editors and writers survey the top news from the world of science in 2010.

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Elizabeth Marincola, Society for Science & the Public's president, reflects on the organization's expanding efforts to promote science.

### COVER

Gliese 581g, shown in this illustration, is the first exoplanet discovered with a surface temperature that can sustain liquid water —if, in fact, the planet exists.

Nicolle Rager Fuller