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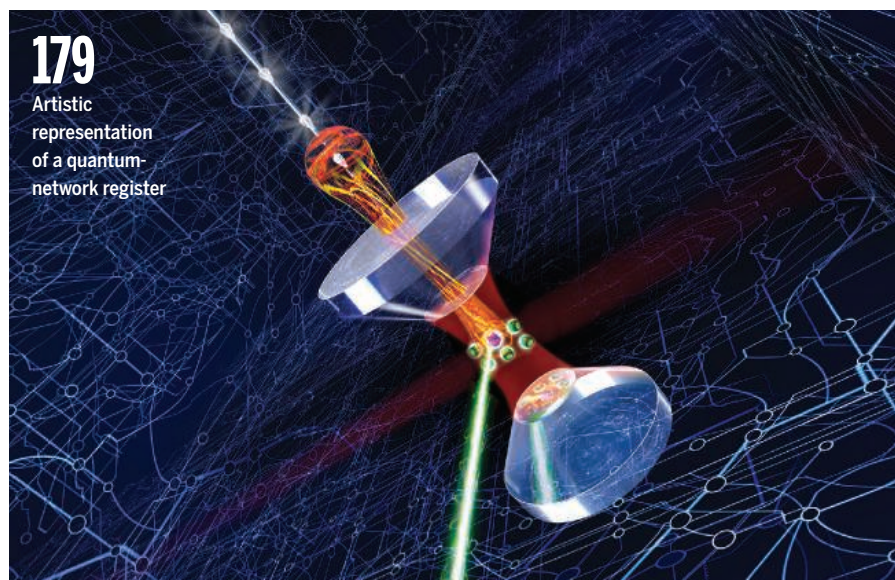
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ON THE COVER

The fungus causing white-nose syndrome infects hibernating bats, such as this little brown bat (*Myotis lucifugus*). The white material around the nose indicates skin infected by the causative fungus *Pseudogymnoascus destructans*. This disease has decimated North American bat populations during the past two decades. Researchers report mechanisms

used by this cold-loving fungus to invade bat skin during the hibernation phases of torpor and arousal. See pages 142 and 194. Photo: Jonathan Mays/Maine Department of Inland Fisheries and Wildlife/CC BY 2.0

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