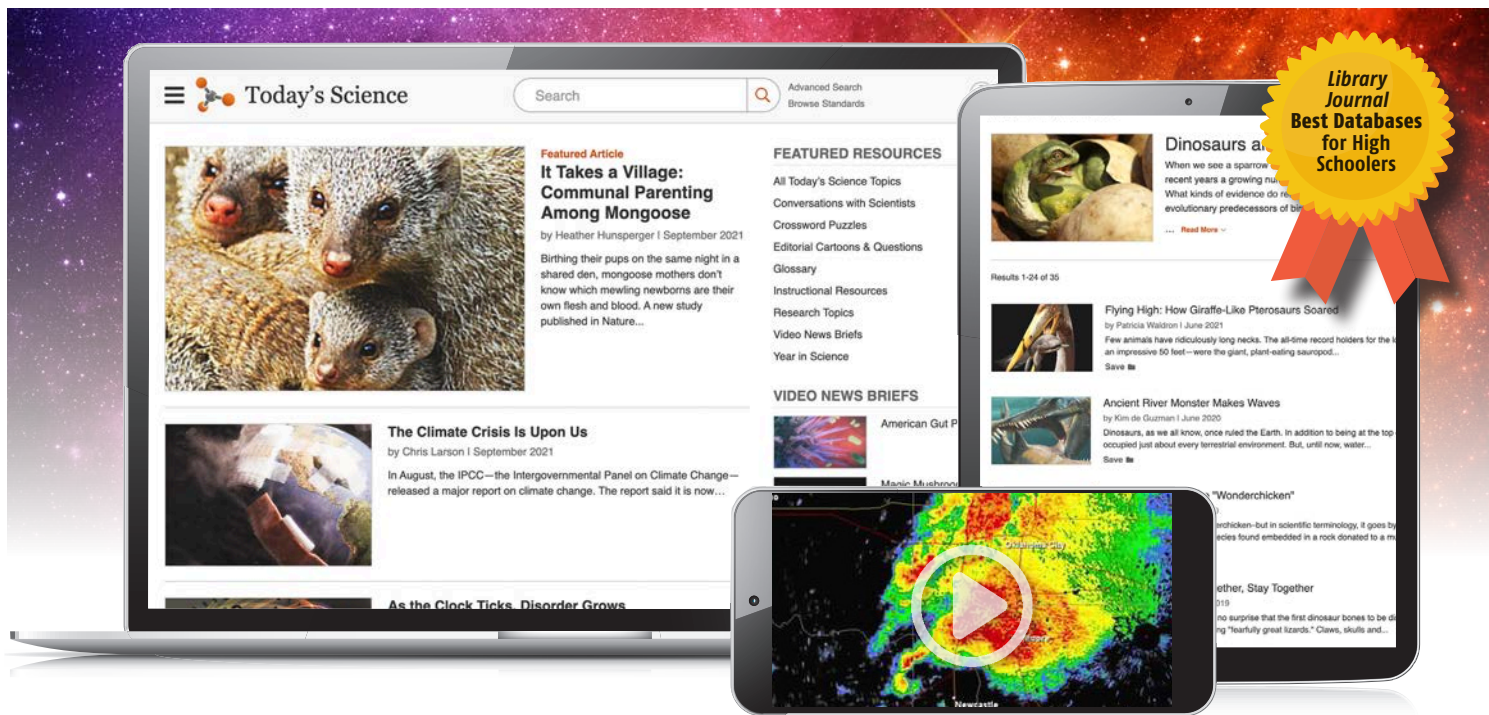


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HIGHLIGHTS AND FEATURES



Filed Under: Brain and Nervous System, Brain and Neurology, Disease Prevention, Infectious Diseases and Pandemics

The Effects of COVID-19 on the Brain

by Timothy Erick | August 2021

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For the last year and a half, the world has been gripped by the coronavirus disease-19 (COVID-19) pandemic. COVID-19 is caused by a novel coronavirus called SARS-CoV-2, which has infected more than 185 million people and caused more than four million deaths. Most people who are infected with SARS-CoV-2 develop mild or moderate cases of COVID-19 and recover within a few weeks. However, a substantial percentage develop a condition called "long COVID", in which certain symptoms persist for weeks or months after the virus has been cleared from the body. Physicians, scientists, and public health officials have been trying to understand the biological basis of these lingering symptoms, which can make it difficult for COVID-19 patients to resume normal life.

Filed Under: Climate and Climatology, Climate Change, Earthquakes and Volcanoes, Global Warming, Hurricanes and Storms

The Climate Crisis Is Upon Us

by Chris Larson | September 2021

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Intergovernmental Panel on Climate Change—released a major report that said it is now "unequivocal" that human activity has changed the atmosphere, land, ocean and frozen regions. Among many other things, that there are now solid grounds for attributing extreme weather events—such as droughts and tropical cyclones—to climate change brought about by humans.

CONVERSATIONS WITH SCIENTISTS

Bo Cederwall: Advancing Experimental Nuclear Physics

Interview Date: July 2021

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"...there is something especially appealing to me in the way many scientists think, not only about their work but about life in general. I guess a key factor is curiosity, that it is considered important in itself. As a scientist it is easy to connect with others who are involved in scientific research for this reason."

Bo Cederwall is a professor of physics with specialization in experimental and applied nuclear physics and head of the division of nuclear physics in the department of physics at KTH Royal Institute of Technology in Stockholm, Sweden. Born in Göteborg, Sweden in 1964, Cederwall earned a master's degree in engineering physics from the Royal Institute of Technology in Stockholm in 1987, following a diploma project at Institut des Sciences Nucléaires in Grenoble, France. He completed a Ph. D. in experimental particle physics in 1992 after research at the Manne Siegbahn Institute of Physics in Stockholm, the Niels Bohr Institute in Denmark, and Daresbury accelerator facilities in Britain. For the next three years, Cederwall worked first as a postdoctoral research fellow, and then as a staff team scientist on nuclear structure physics and radiation detector development at California's Lawrence Berkeley National Laboratory in the U.S. He joined KTH as an assistant professor in 1995 and was promoted to full professor in 2003.

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