

## News2

# Climate change impacts have potentially big repercussions for kids' education

In the spring of 2022, the Calf Canyon/Hermit's Creek fire burned over 300,000 acres in New Mexico, including terrain near the Rio Gallinas School for Ecology and the Arts in Las Vegas, New Mexico. "If you were in the parking lot, you could see all this smoke coming up," says the school's director, Aja Currey. Las Vegas, New Mexico is a rural community—vastly different from its Nevada namesake—and children aged 5 to 14 travel from around the region to attend the school. Some students and staff evacuated from areas that burned and wondered if they'd have a home to come back to. Classes were in session for about two of the three months the fire raged, and children showed up when they could. But Currey estimates that around a quarter of the student body was absent at any given time. More recently, fires around Los Angeles have caused over half a million students to miss school.

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## News3

# How do nanocrystals grow into myriad shapes? A model shows the way.

Scientists and engineers use nanocrystals in sensors, in catalysts, and for drug delivery. But how well they perform depends on their shape—and that can be difficult to predict. Researchers in Germany have now produced a model of how these crystals grow, which offers a theoretical framework of the atomic-level mechanisms involved.

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## News4

## **Greener skies? The quest for sustainable flying**

Flying long distances is routine for millions of people around the globe. Unfortunately, pushing a plane through the air at close to the speed of sound requires a tremendous amount of energy, and right now, only fossil fuels have the necessary punch. That, of course, makes flying a major contributor to climate change.

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#### News5

# Decoding Deception: The Psychology of Combating Misinformation

Social media have become an accelerant for the spread of misinformation about everything from climate change to public health to politics. The rise of generative AI is making the problem even more intractable. Left unchecked, misinformation will do real damage to people and institutions. But now, interdisciplinary researchers are coming together to pinpoint the nature of this infodemic and seek solutions. Surefire remedies remain elusive, but their insights could be crucial. The stakes are high: Nothing less than shared sense of truth.

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