

# SCIENCE NEWS

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**60th  
ANNIVERSARY  
ISSUE**





# When curiosity flourishes, worlds can be changed.

Why? How? What if? Young people question. Taking joy in the search for solutions. Their worlds abound with endless possibilities. So, too, it is with scientists. Whose laboratories are as limitless as the universe. Whose ideas shape worlds. To interest young minds in the wonders of science, Phillips Petroleum has made possible a film series called "The Search for Solutions."

Stimulating films aired on PBS and seen by over two million students

per month. They capture the excitement of discovery.

And the discoverer.

To teach. To encourage.

But most of all, to interest.

Because childlike curiosity in the right hands can help turn darkness into light.

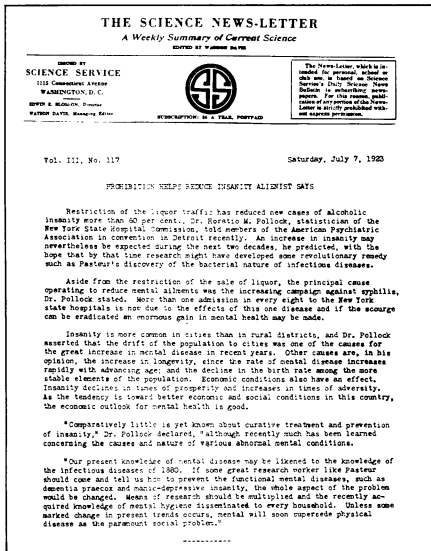


This issue of SCIENCE NEWS marks the 60th year of continuous weekly publication of reports on new developments in science and the applications of science.

When SCIENCE NEWS first appeared, there was little reporting of science in any of the existing media. If we have accomplished anything since then, we have helped gain acceptance for two ideas: that the news of science is interesting and meaningful to scientists and educated laymen alike, and that science reporting is a full time specialty, requiring highly trained and competent persons rather than general reporters.

As science becomes more and more important in our lives, SCIENCE NEWS will continue to strive to lead the way toward more and better reporting of science.

*E. G. Sherburne, Jr.*  
 E. G. Sherburne, Jr.  
 Publisher





# SCIENCE NEWS

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**COVER:** Science has come a long way down the road in 60 years. Years ago, for example, the telephone operator directed the flow of electric impulses in copper wires from one party to another. Today the switching is automatic and the impulses are being replaced by light pulses in special fibers, such as those shown in the right inset. (Large photograph: David Wagner/left insert: Bettmann Archive/right insert: Fred Ward, Black Star)

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