

## Salk Vaccine Expected To Prove More Effective Than in Trials

New York — (U.P.) — The National Foundation for Infantile Paralysis expressed the belief today that the Salk vaccine will prove "considerably more effective" against polio this year than it was in the mass field trial of 1954.

The belief was expressed in a statement by Basil O'Connor, foundation president, which accompanied the organization's annual report for 1954. It followed a report by the U.S. Public Health Service that the 1955 polio season had passed its peak. Cites Improved Production

O'Connor based his optimistic belief for the 1955 "disease year" which began about April 1 and extends into the first days of winter, on "improved production of the vaccine and an important change in the schedule of dosage."

"The immunity level being achieved by children now receiving it," he said, "may be much higher than the 60 to 90 per cent reported by Dr. Thomas Francis Jr. on April 12, 1955, in his evaluation of the 1954 field trial. However, these results cannot be known until 1956."

Latest figures available from the Public Health Service showed that since the beginning of the disease year April 1 through September 3 there had been 15,199 cases reported. This compared with 17,652 during the corresponding period in 1954.

For the entire year, there have been 16,182 cases, compared with 19,205 in the same period in 1954. In each instance, about one-third of the cases were of the paralytic type of the disease. No Conclusions Drawn

Without drawing any conclusions as to the efficiency of the vaccine, the health service said that about 450 of this year's

reported cases were among the approximately 6,500,000 persons who had been inoculated since April 12, when the Salk vaccine was licensed. The new dosage schedule re-



MISS AMERICA OF 1956—Sharon Kay Ritchie, named Miss America of 1956 at Atlantic City, N. J., splashes happily in the surf. The 18-year-old redhead, a college sophomore from Denver, Colo., hopes to make her career in drama.

## Astronomers Find New-Type Star

Columbus, O. — (U.P.)—Radio astronomers at Ohio State University here think they may have discovered a new type of celestial body.

The object is characterized by rapid changes in the strength of radio waves it emits. Dr. Jones D. Kraus, director of the Ohio State Radio Observatory, said that although the university's radio telescope has discovered several hundred celestial sources of radio signals since 1952, this is the first to show such fluctuations.

It is the "most spectacular" object yet recorded at Ohio State said the three astronomers who first discovered it. The three, Kraus, H. C. Ko and D. V. Stoutenburg, have been studying its unusual behavior since it was first noted in January.

Kraus said the object's radio waves have become strong enough to register on the telescope's sensitive recorder on only four to five occasions. At other times, the scientist said, its signal fell off to such an extent that it was difficult to detect. "But even when it was observed clearly, the peculiarly rapid variations were noticeable," he emphasized.

Kraus said, "The new source might be associated with the solar system, but we believe it more likely that it is a variable radio star outside our system."

Kraus believes the new object may be the first star to be detected with a radio telescope. He said it also may be so faint visually as to be very difficult to find with an optical telescope.

"Whatever the new source ultimately is found to be," the radio astronomer said, "its behavior suggests that it represents a new type of astronomical object."

## Four Persons Hurt In Crash Near Sandy

Sandy, Ore. — (U.P.)—Four persons were injured, one critically, in a head on crash on the Mount Hood Loop highway one mile east of here last night.

Each of the four suffered a broken leg.

In critical condition was Mrs. Barbara Gaittens, 22, who also suffered a fractured skull.

In fair condition in a Portland hospital were Mrs. Violet Gaittens, 51; John Henry Simmons, 16, Monmouth, and James Eugene Morrison, 17, Independence.

## Cancer Said Second To Heart Disease

Portland — (U.P.)—University of Oregon pathologist Dr. Frank B. Queen said here yesterday that the medical problem of cancer was second only to heart disease as the primary cause of death in the next 10 years.

However, he said a big research, stride could vastly increase the percentages. However, heart disease is the number one killer, claiming twice as many lives as cancer.

Dr. Queen was a featured speaker at the 10th annual post-graduate cancer conference here.

## ADJUTANT FAMILY

Watertown, S.D. — (U.P.) — South Dakota's American Legion headquarters believes that the Parkinsons have a corner on the office of post adjutant. Its directory shows that Sid Parkinson is adjutant of the Kadoka post; his son, Larry Parkinson, is adjutant at McLaughlin; and Larry's cousin, Harry Parkinson, is adjutant at Bonilla.

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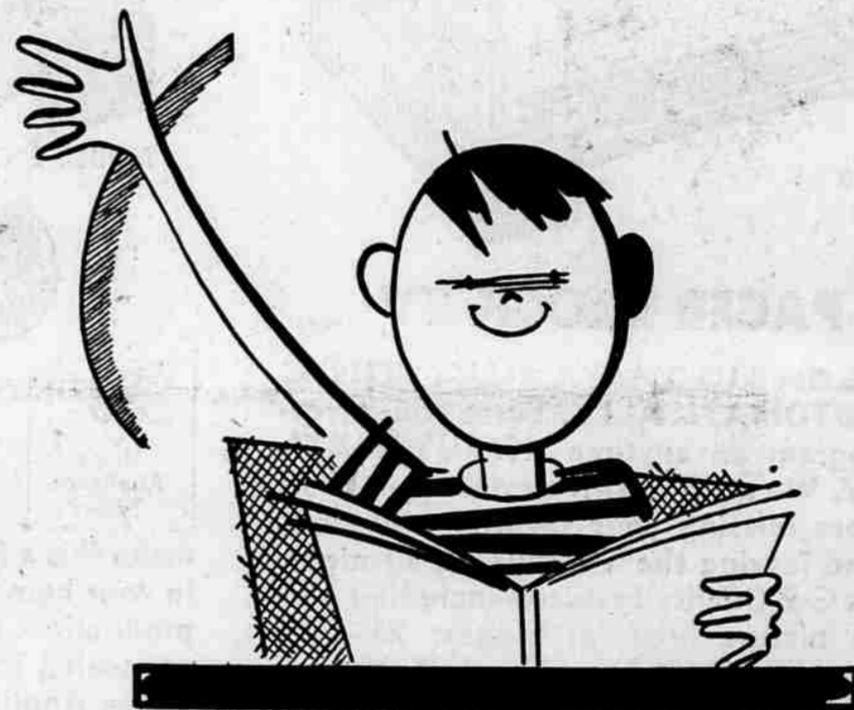
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