

# Salk Reveals Work To Make Vaccine More Effective Against Paralysis

## Type One Virus Aim of Research; 4th Shot Possible

Atlantic City, N. J. — (U.P.) — Dr. Jonas E. Salk revealed today that he is working to make his anti-polio vaccine more effective against type one polio virus. Type one virus causes the most paralytic polio but is the type against which the vaccine now is least effective.

Salk, U. S. Surgeon General Leonard Scheele, and other polio vaccine experts appeared on one program at the annual meeting of the American Medical Association. The program was clearly designed to reassure physicians as to both the safety and potency of the vaccine. It is no secret that medical men have been only a little less confused than the general public.

**Emphasizes Two Points**  
Two points were emphasized, in addition to the complete safety of the vaccine as it is now being distributed and manufactured under strengthened safeguards. They were, first, that one "shot" vaccine gives almost as much protection as two and this protection persists even when the second "shot" is given weeks or even months after the first, and, secondly, there are only minor risks involved in vaccinating children during the summer "polio season."

Salk sandwiched two major disclosures into his reassurances.

One was of his current work on a vaccine which will be more effective against type one polio. The other was the possibility that his present studies may demonstrate the need for a fourth shot in order to bestow an immunity even superior to that of persons who are immune because they've had polio and recovered.

**Makes No Recommendation**  
Salk was careful to make no recommendation as to whether to vaccinate or not to vaccinate during the polio season, saying he was an "investigator" and the health officer and physician involved were the doctors.

Scheele went into technical details of the changed procedures under which the vaccine now is being made. In this connection, Salk pointed out that there had been no changes actually, but a "spelling out" of details which were included all along, had been added. He went into considerable detail in explaining how he had manufactured vaccine in his own laboratory that in some 15,000 persons had produced not one untoward reaction much less a case of polio.

## Legion Post Here Slates Installation

American Legion Post 15, Medford will hold installation of officers June 24 in the Moose Hall at 7:30 p.m. The new officers, elected at the last meeting, are Commander M. E. Fisher; Vice-Commander Cliff Ouellette; Second Vice-Commander Hugh Mitchell; Finance Officer Merle Jarmin; Chaplain John H. McKenzie and Adjutant Joe Hosick.

Also elected were delegates to the coming American Legion state convention. They are John H. McKenzie, H. J. Meiring, Eugene Orr, Ed Russell and Ellis Capps. Alternates are E. K. Ricker, oJe Pankey, Don Wilson, Clark Walker, Paul Meyers, Hugh Mitchell and Fred Luy. The adjutant and commander are automatic delegates, thus are automatic delegates, thus seven.

It was reported that the post will send some 32 boys to Beaver Boy State this year. It was thought that this number will be the largest in the state.

At the last post meeting a demonstration on how to use a geiger counter was given and some ore from the Rogue Valley and from a claim in California was shown.

## Jet Plane Air Crash Victim Identified

Nellis Air Force Base, Nev. — (U.P.) — An Air Force pilot killed when two F86 Sabre jets collided and crashed 50 miles north-east of here was identified today as 1st Lt. Leo A. West Jr., 24, of Conway, S.C.

Second Lt. J. E. Anderson, 25, of Dallas, Tex., the pilot of the other jet involved in the collision yesterday, parachuted to safety.

## 1006 Receive Degrees At Oregon State Rites

Corvallis — (U.P.) — A total of 1006 graduates received degrees at Oregon State's 86th commencement exercises here yesterday. Oldest person to receive a degree was Paul Jerome Ruddle III, 50, Shawnee, Ill. Youngest was George Jansen Jr., 20, Aloha, Ore.

## Million Polio Shots Released for 5 Northern States, Deep South in Revival of Lagging Vaccine Program

Washington — (U.P.) — The National Foundation for Infantile Paralysis said today the 1,000,000 Salk shots released by the government Monday night will be shipped quickly to five Northern states and the Deep South. The five Northern states are New Jersey, Maine, Montana, North Dakota and South Dakota. Their programs have been held up for lack of approved vaccine. They will get roughly

## Planes Search Out Mineral Wealth In French Africa

Paris — (U.P.) — Low-speed planes skimming the ground over French Africa soon may open up a future of oil, uranium and thorium.

Since the end of World War II, it has been one of the chief concerns of French governments to estimate the value of resources in African territories.

Now five planes equipped with computers, detectors and cameras will sound out the African "underground" for mineral wealth.

About 50 years ago, a rich French manufacturer, unable to spend half of his fortune, dreamed of changing the Sahara into a vast cornfield. His only success was the title of "Emperor of the Sahara" given to him by ballad singers in Montmartre cafes.

Two years ago the French commission for atomic energy already had prospected for uranium with the help of a plane. But the radio-activity detector then was not any apparatus synchronized with filming of the land surface.

**Advanced Methods**  
Thus, every time radioactive ore was detected, the pilot had to turn back his plane to where he guessed the spot was. This method finally was rejected.

Today methods are far more advanced. The five planes flying 60 meters up at an average speed of 120 miles an hour will skim over North Africa, the Sahara, French West Africa and the island of Madagascar.

On the lookout for oil, the planes will pull cables a few yards long at the end of which is an 80-pound metal shell. The shell's point is directed backwards and has small wings at its extremity. This is a magnetometer.

This apparatus draws a permanent graph, whose curve draws the profile of a magnetic field. Any bump on the graph shows the existence of a place which may be impregnated with oil or full of natural gas.

As to the detecting of uranium or thorium ores, the magnetometer is replaced by an extremely sensitive radiations. It is called a "scintillometer" and draws a graph which represents the "radioactive profile." It detects in the same way existing radioactive ore.

**Pro and Con**  
Technicians say this method of research is superior in four respects on any other:

1. Aerial detection is much faster than on-the-ground and permits exploration of vast area where it is difficult for man to penetrate.

2. This method can be used for oil as well as for iron or uranium ore.

3. It becomes easy to locate a vein or a reservoir with the synchronized camera.

4. Lastly technicians consider that this method of detection can reach 3,000 yards into the earth. The French exploration staff was composed of engineers, geologists, pilots, designers and aerial photographers. They were trained by American specialists.

## Columbia River Rising at Vancouver

Portland — (U.P.) — The Columbia river at Vancouver is rising nearly a foot a day and is forecast to reach 15.2 feet by Saturday, the weather bureau said today. Forecasters said it looked as if the peak this year would be between 18 feet and 21 feet. The current rise is due to a large extent from warm weather which is melting snow from the east slope of the Cascades in Washington.

400,000 shots immediately to take care of free first injections for first and second grade school children.

**Others To Deep South**  
The remaining 600,000 doses will be sent as soon as possible to the Deep South to begin the second round of shots for first and second graders in the area where the polio season strikes earliest.

Dr. G. Foard McGinness, head of the foundation's vaccine program, said Florida, Mississippi, Alabama, Texas, and Georgia almost certainly will be included in the first shipments.

Release of the 1,000,000 shots was announced by the Public Health Service. It said the vaccine, made by Eli Lilly Co., fully met the rigid new safety standards which the government ordered into effect a little more than a week ago.

It was the first new vaccine approved by the service in more

than a month and it marked a major step toward full resumption of the lagging inoculation program across the country.

The action came amid these other polio developments:

1. Health Secretary Oveta Culp Hobby and Surgeon General Leonard A. Scheele were to

make an "important" nationwide radio - television report on the vaccine situation today at 3:15 p.m. (PST). The report, mainly on the new vaccine safety standards, is part of an all-out administration campaign to restore the confidence of doctors and parents in Salk shots.

2. Officials revealed that a report to President Eisenhower on the technical problems encountered with the vaccine will be made public Wednesday night. It will be more than 300 pages long and it is designed, in part, to answer criticism of the administration's handling of the program.

3. Foundation President Basil O'Connor said in San Francisco that the administration should immediately tell the public all it knows about the Cutter vaccine which was banned April 27 after an outbreak of polio among Cutter-inoculated children. One

laboratory has reported finding live polio virus in one of two suspect Cutter lots. Informed sources said some light may be shed on this either in the radio - television broadcast today or in the technical report Wednesday.

**Typographical Error List Students Wrong**  
A typographical error caused a mistake in yesterday's listing of local University of Oregon graduates.

The corrected list includes Elizabeth Collins, daughter of Mr. and Mrs. J. C. Collins, 2224 East Main st.; Martha Ellen Spatz, daughter of Mrs. Maurice Spatz, 20 North Groveland ave.; and George B. Weir, son of Mr. and Mrs. George Weir, 115 Highland dr., all candidates for bachelor of arts degrees.

**Klamath Extension Agent To Be Honored**  
Klamath Falls — (U.P.) — Charles Henderson, for 33 years Klamath County extension agent, will be honored at a banquet here June 14 sponsored by the Klamath County Chamber of Commerce.

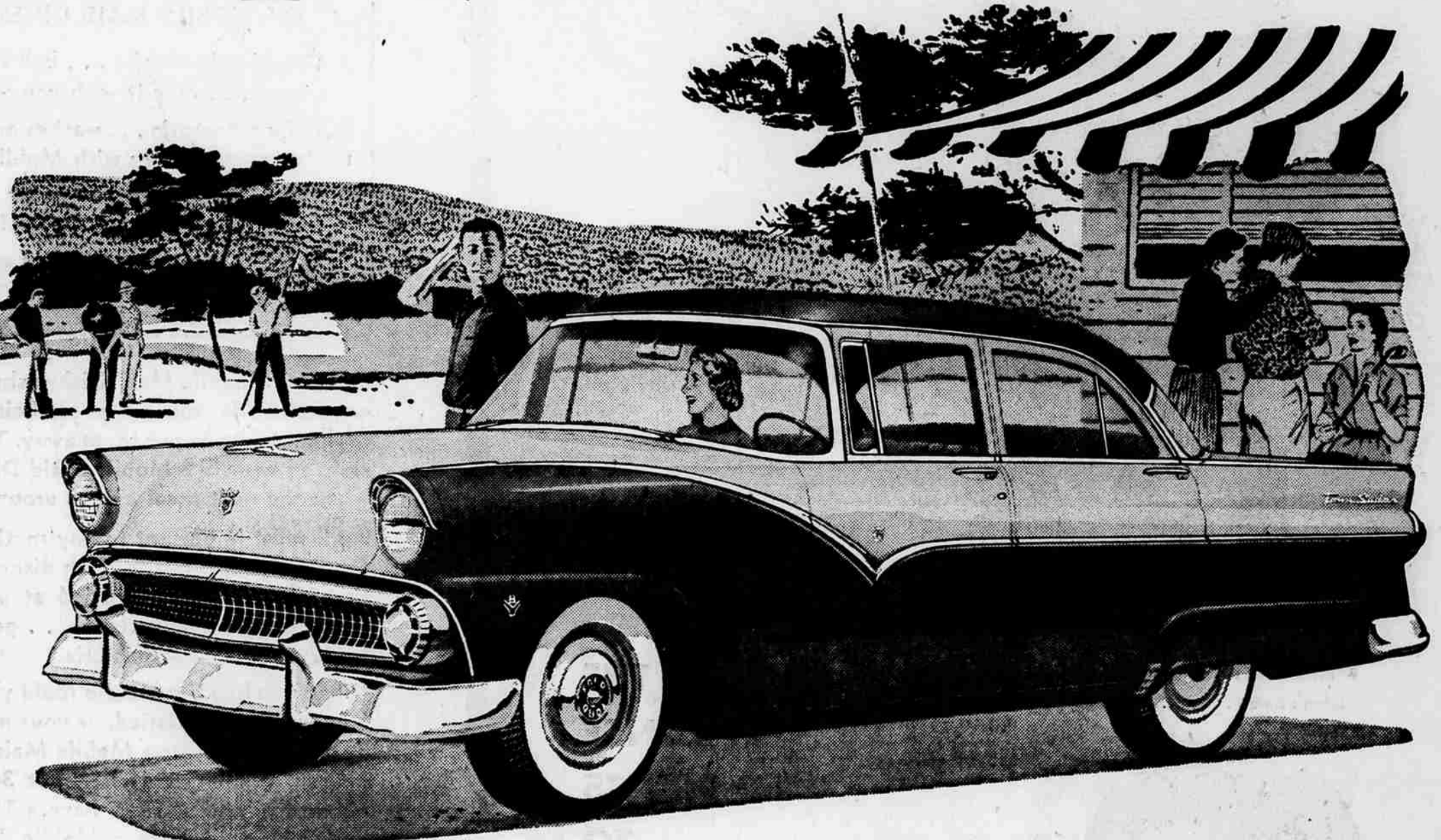
The chamber said the banquet was in recognition of Henderson's work for the county, which has seen its agricultural economy bolstered by a ten-fold increase during his period of service.

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No matter where you go, this advanced form of Ford's Ball-Joint Front Suspension smooths your way. The springs have been tilted to smooth out the bumps from the front as well as up and down. Even the smooth roads seem smoother!

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