

Children Rate Parents in New Psychiatry Test

Seattle, Wash. (Science Service)—A psychiatrist has developed a technique for children to rate their parents here at the University of Washington.

Using two different tests, information on parental love, rejection and authoritarianism may be obtained in order to help treat disturbed children.

One of the tests consists of cartoons illustrating basic physical and emotional needs such as food, sleep, affection, aggression and independence. One such cartoon shows a child refusing to eat. The test child must circle one of four named courses of action he would expect his mother or father to take. The courses of action represent varying combinations of love and authority.

The second test contains 32 personality traits appropriate to fathers and mothers. The child marks each trait "Like" or "Not Like" each parent.

An exploratory study with two groups of children (averaging 11½ years old), one considered normal and the other hostile and aggressive, showed a significant difference of parental rating. Among the normals, 49 of 50 rated their parents as loving, while only 36 of 50 in the hostile group did the same.

Needed in Treatment
The new technique, reported in full in the Journal of Consulting Psychology, was developed by Dr. Walter C. Williams of the University's School of Medicine.

Dr. Williams said such a technique is needed in the treatment of disturbed children since it is often difficult or impossible to get information from the parents. Working fathers often do not have the time to consult with the psychiatrist or psychologist and the one-sided story the mother tells may not be accurate enough.



SUCCUMBING to lengthy illness, Willie Hoppe, 71, who ruled billiards world for nearly half a century, is dead in Miami, Fla., hospital.

Awards Presented At Scout Dinner

Three Scoutmasters of Jackson county troops were presented the Scout Key awards Monday night at the annual recognition banquet for the Big Pine district, Boy Scouts of America.

During the dinner in the fellowship hall of the Methodist Presbyterian church, Don Wilcox, former Scoutmaster of Troop 6, Medford; Don Fredenberg, Troop 4 Scoutmaster, Medford; and C. T. Comer, Scoutmaster of Troop 114, Ashland, were presented key awards.

James W. Grigsby, Medford, won the Veteran Scoutmaster award for 10 years of service to the Boy Scouts of this area.

The Veteran Scoutmaster award also went to Cheryl Doty, for 15 years of service to Boy Scouts of this area. The Den Mother's award went to Mrs. Thais Cox, Ashland Cub Scout Pack 116. Troop 9 received the 50-Miler award for its trip down the Rogue river last year. Five troops which were presented the national camping award were Troop 2, and Troop 8, Medford; Troop 4, Central Point; Troop 110, Talent, and Troop 44, Lone Pine.

Speaker of the event attended by approximately 60 people was Carroll W. Smith, Medford, chairman of the Explorer committee. Dr. Abner Clark, Medford dentist, was master of ceremonies.

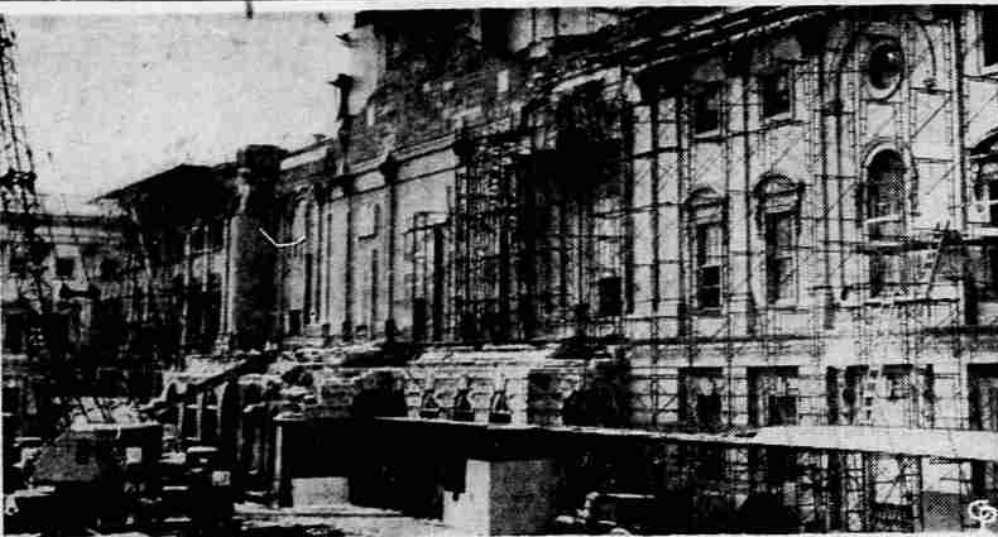


MEDFORD TRIBUNE

2nd SECTION

MEDFORD, OREGON, WEDNESDAY, FEBRUARY 4, 1959

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REMOVING EAST FRONT of Capitol in Washington, workmen prepare to extend that part of building 32½ feet. It is most drastic change in building in 100 years.

SAC Reshuffling Chain of Bases To Gain Valuable Time on Foe

Beale Air Force Base, Calif. (UPI)—The U.S. Strategic Air Command is reshuffling its worldwide chain of bases in a new dispersal program aimed at gaining precious minutes in the race to get its bombers off the ground in the event of enemy attack.

Goal of the program is to double the number of SAC bases to a total of 80 within two years.

Combination of the dispersal program with the new souped-up, missile carrying B52G and B58 "Hustler" bombers gives the United States a powerful deterrent force pending development of intercontinental ballistic missiles.

Brig. Gen. Charles R. Eisenhart, a lean, mustachioed officer, has been named by

SAC boss Gen. Thomas Power to put the new dispersal concept on a combat basis on the West Coast.

Minimizes Enemy Attack
He explained that the program "not only minimizes the effects of an enemy strike against us, but increases the number of targets that pose a threat to him."

SAC is building new bases, as it did here at Beale. But many bomber squadrons are being deployed as tenants or "gypsies" on other bases.

Inaugurated by Gen. Power, the new realignment will place U.S. bombers in the sky within 15 minutes after a "red alert" is sounded.

"Speed is the crucial thing," Eisenhart said.

Some SAC bases, such as March AFB at Riverside,

Calif., have as many as 130 combat planes on flight lines. In the event of a surprise bomber or missile attack many B52s would be jammed into a runway bottleneck trying to take off and many would be destroyed on the ground. SAC officers believe this could lose a war.

New Bombers Due Soon
Eisenhart, commander of the 14th Air Division, directs SAC forces at Beale, and its "satellite" installations at Travis and Mather Air Force Bases in Northern California. Each of the three bases will be assigned 15 of the new B52Gs and 10 jet tankers.

The first of the new bombers will arrive at Travis Feb. 14. These Boeing bombers can shoot H-bombs at targets hundreds of miles away at speeds faster than sound. They can fly faster and 2,000 miles farther than the early B52s because of greater fuel capacity.

But the big difference is firepower. The B52G can carry 12 gravity-type bombs in its belly. And under the wings are nestled the deadliest killers of all — the "Hound Dogs," turbo-jet missiles that can thrust nuclear weapons at supersonic speeds into the heart of a nation's industrial complex from positions far out at sea.

B52G crews also are trained to use the Hound Dogs to knock out enemy anti-aircraft sites and defense bases in clearing a path to major industrial targets for which they have saved the large and more destructive bombs. Forerunner of ICBMs

But the dispersal program is only a prelude to the day when a combat plane will be a rare sight at a SAC base. Then SAC's huge installations will be pocked with ICBM sites hidden deep in underground nests and ready for immediate launching at a given signal.

"Sure, we'll have missiles, but I can't say when," Eisenhart said. "Until you perfect an inter-continental missile that can travel great distances with accuracy, you have to build your launching sites close to the enemy."

"You gradually improve your aim and move them back until you're all the way home. Then you've really got something."

But right now, he said, SAC is depending upon airplanes to take care of any trouble, though the stage is being set for the missile operation of the future.

Idea Enclosing Whole Buildings In Glass Studied

University Park, Pa. (Science Service)—An idea which "could revolutionize our whole notion of exterior architecture and internal air conditioning and illumination" is being researched here at Pennsylvania State university.

The idea is to enclose whole buildings in a glass package. This is called the "air wall construction" by William Hajjar, professor of architecture who also is a practicing architect.

Blanket of Air
The glass envelope would be spaced from the building's actual facing at any desirable distance. A blanket of air would be circulated round-and-round or up-and-down the building in the space between the wall and glass.

The idea is that the glass envelope, first, would protect the building, eliminating problems of weatherproofing, and, second, that the circulating air would become a built-in climate controller.

Thus the circulating blanket would move sun-warmed air to the cool sides of the building, and vice-versa. In winter, heat could be added to this circulating blanket, eliminating duct systems. Hajjar thinks the idea in practice would help yield comfortable temperature and humidity conditions everywhere in the building.

Offers Possibilities
Furthermore, the scheme offers dramatic possibilities in lighting. At a flick of the switch the air space could be illuminated to provide "daylight" inside at night.

From the angle of architectural design, the air-wall construction is said to offer "every possibility from the virtually inconspicuous to the spectacular." Maintenance would amount to mere washing.

Fund Distribution Battle Seen Slim

Salem (UPI)—Chances of another battle over distribution of state money for school support appear slim, according to a Portland educator.

Herbert Schwab of the Portland school board said officials of the Oregon Education association and leaders of a fight in 1957 for adoption of a so-called "key district" formula had agreed to go along in principle with the Portland board.

Schwab said the Portland board would ask the Legislature for a comprehensive two-year study of the entire problem of school financing and the system for dividing up money to various school districts. He said the board also wants an increase in the money contributed by the state to operations of public schools, with the increase distributed as flat grants per child without offsetting local property taxes and without any of the increase going for extra money for poor districts.

An American dies in the United States on an average of every 21 seconds, according to mortality tables.

Food Supply Seen Factor in Birth Of Fraternal Twins

By DELOS SMITH
UPI Science Editor

New York (UPI)—Science can now show that poorly nourished women have less chance of becoming mothers of fraternal twins than well-nourished women.



Delos Smith, UPI Science Editor, says that the chances of being doubly blessed.

Fraternal twins result from two fertilized eggs, whereas identical twins come from one egg which split at an early moment of development. The new scientific knowledge threw no new light on the causes of this splitting, but it showed the mother's nutritional state was not important.

This new knowledge comes from a statistical study by M. G. Bulmer, a noted British statistician, of birth rates in Norway, Denmark, Sweden, The Netherlands and France during World War II and before and after. The populations of Norway, The Netherlands and France were severely undernourished during the war. Those of Denmark and Sweden were not.

Uses Mathematical Formula
Bulmer established the proportion of twins to single births in all those countries before the war, when the food supply was normal and their women were normally nourished. He distinguished fraternal twins from identical twins by a mathematical formula based upon the known ratios of one kind to the other.

Then he established the proportion of both fraternal and identical twins to single births during the war years. A companion of these proportions to those of the pre-war years showed a sharp drop in fraternal twins and none (of statistical significance) in identical twins, but only in the undernourished countries.

When this breakdown was made for the five post-war

years beginning in 1946, when the food supplies were becoming normal again, the statistics showed that the pre-war rate of fraternal twins to single births came back almost at once and maintained itself steadily.

In the countries where food supplies were not greatly disturbed, twin births proportions remained pretty much the same before the war, during the war, and after the war. That the nutrition of the mothers was involved was underscored in yet another way.

Isolates Statistics
During the war years, northwest France was much better nourished than the rest of France. Bulmer isolated the statistics for this region and showed that its proportion of fraternal twins to single births was like that of well-nourished Denmark and Sweden and was free of the dip shown in the rest of France, Norway, and The Netherlands.

Having arrived at these impressive statistical results, Bulmer proceeded to account for them. In mammals other than human, undernourishment of the female is known to result in a decrease in litter size, he recalled.

In undernourishment, he continued, there must be a decreased ability of the ovary to produce double eggs. Perhaps this is due to a decreased secretion of the hormone of the pituitary gland which stimulates the ovary. It is known that a continued under-feeding of experimental animals will cause a diminished secretion of this hormone.

Dog Steals Cat Food From Back Porch
Medford police received a complaint yesterday from Mrs. Verlena Gier, 2902 North Pacific highway, that a black and white dog had taken to stealing her cat's food from the back porch at that address.

The dog's owner, Harry DeVore, 3120 North Pacific highway, said he would attempt to keep his dog at home henceforth.

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