

# No halls of ivy at nation's only space engineering college

By Leon Daniel  
UPI Staff Writer  
CAPE CANAVERAL (UPI) — You won't find any halls of ivy at the nation's only space engineering college.

But you will find at Brevard Engineering College, about 20 miles down the coast, is a faculty made up of some of the nation's top scientists and engineers.

The part-time instructors lecture in classrooms filled with dedicated students whose average age is 30.

**Space Age Students**  
Most of the students and nearly all the faculty members are employed at missile and space technological centers at Cape Canaveral and Patrick Air Force Base.

Sparked by space-race industries which have grown up along the coast near the college, Brevard is the first college in the United States to offer a master of science degree in space technology.

Vine-covered walls would seem out of place at Brevard, where theories chalked on a blackboard may be used the next day in dealing with a real missile-tracking situation. With the rapid advance in space science, some of the school's teachers must write their own textbooks.

**Lofly Courses**  
While five year old Brevard may be too young to have traditions, it is sophisticated enough to offer such lofly courses as celestial mechanics, space medicine

and a long list of subjects in higher mathematics.

The college was established in 1958 by Dr. Jerome P. Keuper (pronounced Cooper), now its president, and a group of scientists who worked with Keuper for the Radio Corporation of America Service Company.

Keuper said they started the college because they saw the need for still higher education for the well-educated people in the space field.

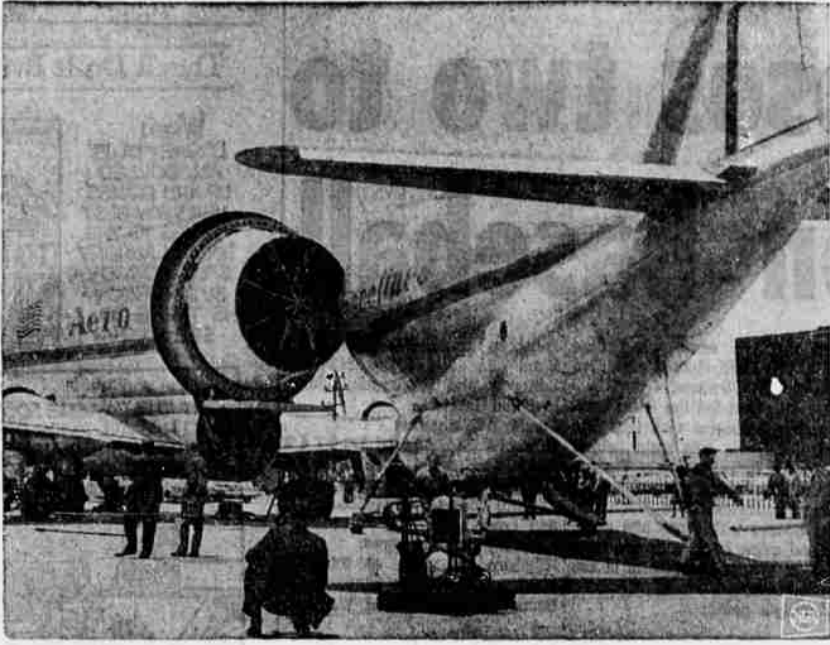
"We learned that many scholars and other space experts hesitated to come to Cape Canaveral because they could not continue their studies here," Keuper said.

**700 Students**  
Of the school's 700 students, Keuper said about 165 are graduate engineers working for master degrees. The rest of the students are undergraduates, some of whom are taking a few special courses and others who are working toward a bachelor of science degree.

Keuper takes great pride in his ability to stretch his education dollars, which he spends a good part of his time soliciting from private sources.

"We built this building we're in now for \$7 a square foot," he said proudly, adding that other school buildings in the area would have cost twice as much.

"What we need now is somebody who wants to have his name on a new library building," Keuper said. "I believe we could build it for \$60,000. We already have the books."



**WHALE OF A LOAD**—Split right down the middle, a modified Boeing Stratocruiser known as the "Pregnant Guppy" swallows the largest cargo ever to be lifted by an airplane. Later, back in one piece, the plane successfully went through a test flight over Los Angeles, Calif. The cargo, an inert S-IV second stage of the giant Saturn rocket, weighed 20,379 pounds and took up an area 41 feet long and 18 feet in diameter. "Guppy" flights are expected to cut S-IV transportation time to Cape Canaveral from the three weeks now required by barge through the Panama Canal to about 12 hours.

# Many conflicting opinions on questions concerning education

By David Nydick  
UPI Staff Writer  
To parents there probably seems to be two or more conflicting opinions concerning questions on education. And they may wonder whether this indicates confusion among educators and researchers.

Unfortunately in some cases this is true. Perhaps it is not actual confusion but surely there is a need for more conclusions

based on good research. It is difficult to arrive at answers which apply to everyone when you are dealing with human behavior. Each individual and his environment is different. Judgments which are important factors in education naturally vary. These many problems of education are important for you to understand. However, your first concern is and should be the effects upon your child.

The area of reading seems to be a good example for discussion. Some schools emphasize a phonics program (the sounds of letters and their combinations). Other schools emphasize the look-say method (learning the entire word).

The majority of children learn to read quite adequately with either approach. Those who are having difficulty probably have some specific problem which is interfering with their learning.

What does this mean? Actually both methods achieve success. It is a matter of judgment to choose one in favor of the other. Each group probably will defend their approach as the proper answer. Thus you have a difference of opinion.

Research does not give the answer so that at this time we must assume that there are several ways to do the job properly. The one used probably should depend upon such factors as the training of the teachers and the local results obtained with the students.

This type of controversy also exists in math, language, school organization (team teaching, departmentalization, etc.), social studies, and many other areas involved in education.

Your first interest as a parent should be to make sure that your child is learning. If he is having difficulty, find out why. There are many causes for problems. They may be psychological, physical, or neurological.

Don't assume that the school or its program is to blame. This won't help your child. Any basic program change will probably take too long to be of value to your child.

On the other hand, don't think that there are controversies in every area. There is a good deal of research which indicates what should be done in education. You should seek reasons for particular actions.

The most important factor to remember in all of these controversies is how your child can benefit. He will probably succeed in any program where the teachers and facilities are of a high quality.

After helping your child you should then be concerned with the total picture of school improvement. This is everybody's job. Constructive parents are the basis for good schools which are in turn the basis for the success of our democratic society.



RUTH MARIE ERDMANN

# Couple reveals plans to marry

Mr. and Mrs. Henry Erdmann, 723 Innes Lane, announce the engagement of their daughter, Judith Marie, to Adam James Ricci, Jr. Ricci is the son of Mr. and Mrs. Adam James Ricci, Sr., Route 1, Box 604, Bend.

Miss Erdmann, a graduate of Bend High School in 1961, recently graduated from Central Oregon Beauty College. Ricci graduated from Redmond Union High School with the class of 1960. He is presently employed with his father in building construction.

A wedding date has been set for October 19.

# Maryland boy survives tumble

MEDFORD (UPI) — A seven-year-old Tacoma Park, Md., boy survived a tumble down a 150-foot embankment at Shady Cove on the Rogue River, it was reported Sunday.

Authorities said Wayne Cluff while he was chasing a ball. He landed on rocks below and suffered fractures and bruises.

The boy was taken to Rogue Valley Hospital here where he was treated and released.

# Study underway

OREGON CITY (UPI)—A survey of agencies capable of making a consolidation study of Gladstone, Oregon City, and West Linn is under way here.

The Tri-City Chamber of Commerce plans to meet with officials of the three cities to official the scope, methods and costs of a merger study.

# BOYS AND GIRLS

ETON, a classic teacher who will move from the all-boy Eton School to the all-girl North Foreland Lodge School next year, got off to a dubious start today when he said he expects no difficulty in the switch because "girls are no different from boys."

# Racial violence flares in New York, Baltimore

By United Press International  
Racial violence flared Sunday in New York City and Baltimore where angry Negroes and whites tangled in bare-knuckle brawls. New integration moves were planned today across the nation.

Police described the situation at a Bronx white teen-age diner hang-out Sunday night as "highly explosive" and set up barricades to prevent a full-scale riot.

The barricades were erected after two attempts by young whites to break up a picket line at the diner where about 60 whites and Negroes paraded with signs protesting alleged discriminatory hiring practices.

In Baltimore, more than 100 integrationists who tried to force their way past park owners and police into the Gwynne Oak Amusement Park met with violence. At least 98 demonstrators, including 13 clergymen, and six white hecklers were arrested. One Negro woman was punched in the face.

# Plan Hotel Picketing

Omaha Negroes planned a protest demonstration today in the downtown section around the entrances of the Sheraton-Fontenelle Hotel. The demonstration apparently was planned to coincide with the first meeting of a biracial committee to discuss civil rights remedies in city government, the mayor's office, the school system, banks, insurance firms, railroads and other businesses which integration leaders said were almost entirely segregated.

A group of young Negroes was scheduled to meet with city officials of La Porte, Ind., today to discuss complaints of alleged racial discrimination in restaurants and taverns. The stage was set for the meeting after a weekend of "testing" facilities in eating and drinking establishments in the city.

# More Unrest

There was more racial unrest in other parts of the nation:

Chicago: The Advancement of Colored People (NAACP) concluded its "Year of Decision" national convention by announcing plans for militant action in its drive for increased civil rights.

Charleston, S.C.: Roy Wilkins, NAACP executive secretary, said Sunday that white Americans "should get down on their knees and thank God that Negroes have demonstrated as peacefully and orderly as they have." Wilkins vowed that desegregation demonstrations would continue in Charleston and throughout the South.

Albany, Ga.: Police Sunday arrested nine white and Negro integrationists who attempted to use an all-white swimming pool. Over the weekend Georgia's Ku Klux Klan leader, Calvin Craig, called for a massive demonstration by Klansmen at Savannah July 20 to be concluded by a march "two abreast and a march downtown."

# Washington has Holiday deaths

By United Press International  
Accidents claimed at least 14 and possibly 15 lives in Washington during the Fourth of July holiday.

Seven persons died in traffic accidents, at least five drowned, one man was killed in a skydiving accident and a Tacoma youngster was an accidental hanging victim.

Authorities at Spokane were fearful that the list of drownings would stand at six when the fate of Mark Batchelor, 14, Spokane, was learned. He came up missing in the area of the Spokane River Sunday afternoon and a search until dark failed to produce a trace of him. The search resumed this morning.

# G. Hartford dies

MANITOWISH WATERS, Wis. (UPI) — George F. Hartford, 75, retired advertising director of the Chicago Daily News, died Saturday of an apparent heart attack.

# Congress 'working hard,' needs numerous recesses

By Dick West  
UPI Staff Writer

WASHINGTON (UPI) — Congress is now at the end of its Fourth of July recess, which traditionally follows its Memorial Day recess, its Easter Recess, its Lincoln Day recess and its Jefferson-Jackson Day recess.

There was a time when the Fourth of July recess would have been the last recess before adjournment, but the way things are going this year it appears that Congress may have occasion to take a Labor Day recess, a Thanksgiving recess and a Christmas recess.

It is still too early, however, to forecast a New Year's recess. All of this recessing has created the impression in some places — roughly in an area bounded by the Atlantic and Pacific oceans and the Canadian and Mexican borders—that Congress has been dawdling.

# Shows Blinding Speed

That is not precisely the case, however. On occasions, Congress has moved at blinding speed.

Just the other day, for instance, the House of Representatives passed a bill so fast it almost broke the sound barrier.

The bill authorizes each member of the House to take two additional trips back home each year at taxpayer expense.

It was called up and approved without a word of debate or explanation.

Some observers in the chamber, including a few reporters, weren't even aware that the House had acted on the bill until they saw it listed in the Congressional Record the next day.

# Counteracts Adverse Feeling

I am convinced that they were merely trying to counteract the widespread feeling that the congressional approach to legislation this session has been somewhat lackadaisical.

After all, the need for congressmen to have two more free

trips home is clearly evident. There isn't much point in staying in Washington during recesses.

Nor is this the only evidence that Congress has been doing more this year than might be visible to the naked eye. A resume of the first six months of the session shows that our lawmakers have introduced a total of 10,629 bills and resolutions, which is nothing to sneeze at.

A sneeze might stir up the dust that most of the measures have been gathering in committee pigeonholes.

Besides that, they have answered 81 quorum calls and filled 11,538 pages of the Congressional Record at \$90 a page.

As this shows, Congress has been humming. I think it is unkind to say they ought to stop humming and get to work.

# JFK bestows honor on 25 Everest toppers

WASHINGTON (UPI) — President Kennedy today presented the National Geographic Society's famous Hubbard Medal for exploration to members of an American expedition that conquered Mt. Everest.

Eighteen Americans, a retired British army officer, a Nepal army officer and five Sherpa guides were honored at a White House rose garden ceremony.

Norman G. Dyhrenfurth, leader of the expedition which ascended the highest mountain in the world, received the gold medal for the group.

The Hubbard Medal, named for the society's first president, President Greene Hubbard, was presented first in 1905 to Adm. Robert E. Perry for his arctic explorations. Its most recent previous recipient was astronaut John H. Glenn, first American to orbit the earth.

The five Sherpas, led by Shri Nawang Gombu who accompanied James W. Whittaker to Everest's summit, represented 37 of the high-altitude climbers employed by the expedition.

Replicas of the medal went to all members of the expedition and to the Sherpas.

# Ohio editor dies

COLUMBUS, Ohio (UPI)—Karl B. Pauly, 63, editor of the Columbus Dispatch editorial page since 1959, died Sunday in University Hospital of leukemia.

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