

SPORTS

Frank Howard Coach of Week

Clemson, S. C. — (UPI) — He's taken five teams to bowl games in the last 11 years, and may have wrapped up another trip by scoring an upset in the very first game of the season.

That's Frank Howard of Clemson, one of football's all-time great tutors. He is honored today by United Press International as college football's "coach of the week" for Clemson's 10-18 triumph over North Carolina which put Clemson in the driver's seat for the Atlantic Coast conference championship.

The advance dope on the title fight in the strong ACC tabbed Clemson and North Carolina as co-favorites, with Duke a strong contender. A schedule freak pitted the co-favorites in the opening game of the season.

Forty Niners Lose Jim Pace

San Francisco — (UPI) — The San Francisco Forty Niners, already off to their worst start since 1950, suffered another blow today when it was announced that halfback Jim Pace would probably be out for the remainder of the season.

Pace, the No. 1 draft choice a year ago, suffered torn cartilages in his right knee while running a pass pattern a week ago. The front office said Pace had been put on the injured reserve list after an examination showed that surgery would be necessary.

EX-ARCHITECT DIES

Kittery Point, Maine — (UPI) — John Mead Howells, 91, former New York architect who assisted in drawing up the plans for the New York News building and the Tribune tower in Chicago, died Tuesday.

Virginians Cop Play-Off in IL

Havana — (UPI) — Louis Arroyo, a major league failure, wound up as the biggest hero in the Cuban Sugar Kings' surprising victory over the Richmond Virginians in the final round of the International league playoffs.

The stubby relief pitcher turned in another remarkable performance Tuesday night as the Sugar Kings edged Richmond, 1-0, to clinch the best-of-seven series, four games to two.

League Leaders

United Press International NATIONAL LEAGUE	
Player & Club	G. AB. R. H. Pct.
Aaron, Mil.	148 607 114 217 .357
Conghly, St. L.	140 448 85 157 .330
Cepeda, S.F.	147 592 90 187 .316
Pinson, Cin.	152 639 127 201 .315
Boyer, St. L.	146 553 88 174 .315

AMERICAN LEAGUE	
Player & Club	G. AB. R. H. Pct.
Kuenn, Det.	135 544 98 194 .327
Kaline, Det.	132 497 82 162 .326
Runnels, Bal.	144 548 93 172 .314
Fox, Chi.	153 619 83 182 .305
Minnoso, Clev.	147 566 92 172 .304

Runs Batted In
 National league — Banks, Cubs 159; Robinson, Reds 125; Aaron, Braves 121; Bell, Reds 112; Matthews, Braves 109.

American league — Colavito, Indians 109; Jensen, Red Sox 106; Killebrew, Senators 101; Lemon, Senators 99; Maxwell, Tigers 93.

Home Runs
 National league — Banks, Cubs 43; Matthews, Braves 43; Aaron, Braves 38; Robinson, Reds 26; Mays, Giants 31.

American league — Colavito, Indians 41; Killebrew, Senators 40; Lemon, Senators 33; Mantle, Yankees 31; Maxwell, Tigers 30.

Pitching
 National league — P. Ace, Pirates 18.1; Law, Pirates 18.9; Antonelli, Giants 19.10; Podres, Dodgers 14.8; Conley, Phillies 12.7.

American league — Shaw, White Sox 17.6; McLish, Indians 19.3; Wynn, White Sox 21.10; Mossi, Tigers 16.9; Maza, Yankees 14.8.

DEFENSE FOR DUCKS

Eugene — (UPI) — The Oregon Webfoots faced more work on defense today because of a lack of the same against Stanford Saturday. Coach Len Casanova said his squad was lacking in the defensive department against the Indians, although they came out on the long end of a 28-27 score. The Webfoots concentrated on their "clutch offense," which operates without a huddle, Tuesday. A no-huddle play brought Oregon one of its four touchdowns against Stanford.

Wreckage of Navy Jet Plane Found

Sonoma, Calif. — (UPI) — The wreckage of a Navy jet plane that crashed during a storm Friday has been found on a farm near here. Authorities said the plane apparently failed by five feet to clear a ridge in the Mayacamas Hills after changing course to attempt a landing at Hamilton Air Force Base.

Lt. (jg) Gerald G. Atkinson, 26, Fall City, Neb., and Aviation Metalsmith 2C Charles L. Ray, Deerfield, Wis., were killed in the crash.



YARNS SWAPPED — Delegates to the 61st annual encampment of United Spanish War Veterans at Miami, Fla., Michael M. Jansen of New York, left, and Otto Heckel of Oregon pause to swap yarns of their adventures in the Spanish-American war. — (UPI Telephoto)

Doubling of Consumer Credit Outstanding by 1980 Expected

By ELMER C. WALZER
 UPI Financial Editor

New York — (UPI) — The future looks bright to the experts who are scanning the horizons beyond the stock market difficulties and the Khrushchev visit.

Professor Thomas G. Gies, of the University of Michigan, said recently that between now and 1980 we should look for a doubling of consumer credit outstanding. He said it may well go above the \$100 billion mark. He cites four factors for this belief:

1. Between now and 1980 we must anticipate the population of the United States will reach 250 million and the number of households more than 70 million.
2. A restructuring of the population toward younger families will further amplify demand for consumer credit.
3. Additional population will locate itself in suburban rings around the great metropolitan areas where transportation requirements will tend to raise the number of multi-car families.
4. The increase in income during the next two decades — gross national product is expected to reach the \$800-\$850

billion range by 1980 — will bring a larger proportion of families into a credit-worthy status.

Air Force To Be Future Space Force

Washington — (UPI) — The defense department designated the Air Force today to be America's future space force. This was a jolt to the Army and Navy.

The department turned over to the Air Force sole military responsibility for all "space transportation" and space vehicle rocket boosters.

Projects worth hundreds of millions of dollars, including the Army's 1,500,000-pound Saturn rocket booster, will be turned over to the Air Force, according to Dr. Herbert York, director of research and engineering.

While the Army and Navy will develop specialized satellites for such purposes as navigation and communications, a Pentagon announcement said, they will have to rely on the Air Force for putting their space vehicles into orbit.

GRAHAM TO WHEATON

Wheaton, Ill. — (UPI) — Evangelist Billy Graham Sunday begins a week-long crusade at his alma mater, Wheaton college. Graham graduated from Wheaton in 1943 and met his wife on the campus when she was a coed.

The Commercial & Financial Chronicle, commenting editorially on Dr. Gies' predictions, notes that the basis for his expectations are essentially those which have led executives of consumer credit concerns to essentially the same conclusion.

The editorial amplifies expansions in other lines that will accompany the rise in consumer credit, Professor Gies anticipates.

Increase in Housing Demand

"These data," says the editorial, "equally well suggest a tremendous increase in the demand for housing and hence the mortgage money in the decade or two ahead."

In point of fact, the large increase in population (as predicted by the census bureau and others) also indicates large increases in demand for consumer non-durables.

More cars will mean more roads will be needed, the Chronicle adds. All these things would have to be paid for and this will take money. Where will it come from?

Remove Manpower Waste

The Chronicle says this answer is not to be found in the financial field. It feels we must stop subsidizing agriculture and put those funds to work on production. Other manpower waste also should be removed, it holds.

Night Class Added To SOC Schedule

Ashland-Night class offerings at Southern Oregon college have been supplemented by a course especially designed for teachers, Sp 493, principles and techniques of speech (g), which will hold its first meeting Tuesday, Sept. 29, between 7 and 9 p.m. in the speech clinic on the basement floor of the library.

Class instructor is Leon C. Mulling, director of the SOC speech and hearing clinic, who said the class has proved to be of great value to teachers and it would be largely concerned with the diagnosis and treatment of the speech difficulties of children.

Three hours credit will be given for the course, and enrollment may be made during the first class meeting. No enrollments will be accepted after the second meeting.

Those interested in the course or in any of the others offered during the fall term are asked to contact the college registrar, Mrs. Mabel W. Winston, for further information and details.

Medford Man Attends Los Angeles Meeting

Richard E. Bridenstine, 2670 Crater Lake ave., Medford, recently attended a technical meeting in Los Angeles at which a new anti-biotic germ-killer was discussed. Bridenstine, a medical sales representative of Lederle laboratories, American Cyanamid company, learned details of the chemical properties and medical application of the new antibiotic.

PAY RAISES GIVEN

San Francisco — (UPI) — The AFL-CIO national convention gave \$10,000 annual pay raises Tuesday to President George Meany and Secretary-Treasurer William F. Schnitzler. The boost increased their salaries to \$45,000 and \$43,000 respectively.

Inborn Heart Defects Outlined at Convention

An analysis of inborn heart defects among Oregon children and the challenge these defects present to physicians and medical researchers were outlined today by a group of University of Oregon medical school doctors during the opening-day session of the annual Oregon State Medical Society meeting here.

The report was based on the findings among 938 patients seen during the past 4½ years in the congenital heart clinic at the medical school's Crippled Children's division.

Dr. Herbert E. Griswold, head of the division of cardiology, presented the report which was prepared in cooperation with Dr. Richard L. Sleeter, former Medford pediatrician and now director of the Crippled Children's division; Dr. Victor D. Menashe, assistant director of CCD; and Dr. Ralph B. Reaume, clinical instructor in medicine.

Number With Defects

Although precise figures are not available, the doctors estimate that 150 to 300 children with heart defects are born in Oregon each year and that approximately 2,000 to 3,000 children suffering from these ailments are living in the state at the present time.

Advanced surgical techniques, including the relatively new open-heart surgery, coupled with improved diagnostic methods, are restoring some of these children to health. However, future medical research should be directed at pinpointing and preventing the events during pregnancy that cause these malformations, Dr. Griswold emphasized.

Of the 938 children studied, 273 have undergone surgery for correction of their heart defects either before or after being seen at the clinic. Of these, 49 operations have been classified as successful, either on the basis of death or lack of improvement.

Open-Heart Procedures

These operations include 78 open-heart surgical procedures performed at the Medical School hospital since April, 1958. The doctors reported that 73 per cent of these operations have been successful, a rate that is comparable to, or better than, the rates at most of the U.S. medical centers where these operations are being done, Dr. Griswold said.

The UOMS reported 100 per cent success in open-heart operations on two types of inborn heart defects—the simple atrial septal defect, a hole in the wall between the two upper chambers of the heart; and congenital aortic stenosis, a narrowing just below the valve or at the valve of the aorta, the artery carrying purified blood from the heart.

Open-heart surgery is done in cases of real need when the child's chances of long-term survival without the aid of surgery are extremely poor, Dr. Griswold pointed out. The smallest group of patients seen at the clinic have been those between the ages of 15 and 20, suggesting that the majority of children with heart defects have only limited chances of surviving to adulthood, the doctor said.

Most Common Reason

On the brighter side, the doctors reported that the most common single reason for referral to the clinic turned out to be "innocent" functional heart murmurs. This condition was found in 199 children, or nearly one out of five cases, the majority in boys under 5 years of age.

These murmurs, occurring frequently in children and young adults, do not constitute heart disease and usually decrease or disappear as the individuals grow older. The most important functions of the clinic in these cases, Dr. Griswold said, are to reassure the parents about their children's health and to see that unnecessary limitations are not placed on the children's activities.

Among those children seen at the clinic who were actually suffering heart disease, the most common ailment among non-blue babies was the ventricular septal defect, a hole in the wall between the lower, or pumping, chambers of the heart.

The most common cause for so-called blue babies was a condition called tetralogy of Fallot, in which the combination of an obstruction to the lungs and a septal defect allows the blood to be pumped back into the body before it has picked up oxygen in the lungs.

Unexplained. Significant, but still unexplained, sex differences were revealed by the study, Dr. Griswold reported. For instance, patent ductus arteriosus, the persistence after birth of a normal prenatal connection between the pulmonary artery and the aorta, was found to be more common in

girls than boys by a ratio of five to two. On the other hand, the narrowing of the aortic valve occurred three times oftener in boys than in girls.

Of the 938 children, 70 remain undiagnosed, either because all tests have not been completed or because tests have not proved sensitive enough to detect the trouble.

This fact points up the need for further research into diagnostic procedures, Dr. Griswold said. A total of 548 complicated diagnostic tests have been performed on the children.

Seventy of the children have died during the course of the study. Of these, 40 deaths were related to surgical procedures, and 30 deaths result-

ed from other causes, chiefly complications arising from the heart defects.

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