

IOWA STATE MISSOURI



Homecoming

OCTOBER 17, 1981



Presenting the 1981

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Front Row (L to R)-Lisa Jenison, Ames; Dawn Jack, Muscatine. Second Row (L to R)-Jill Norris, West Des Moines; Jennifer Paetz, Muscatine; April Heider, Milwaukee, Wis. Third Row (L to R)-Susan Nielsen, Fort Dodge; Julie Stilling, Altoona. Fourth Row (L to R)-Kim Bridgford, Hamburg; Karin Muff, Ames; Tammy Teig, Atlantic; Annette Larson, Fremont, Neb. Not pictured-Michele Covington, East St. Louis, Ill.



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SUN
BOWL
1971



LIBERTY
BOWL
1972



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Bowl
1977



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BIRMINGHAM
1978



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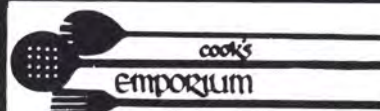
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It's on the Line

A lot is on the line today. That's Missouri at Iowa State.

And, we're not talking about just the telephone trophy or Iowa State's homecoming, either.

We're taking league leadership.

The winner of the game will have the early inside track on the Big Eight race. The United Press International board of coaches rates Missouri as the number eight team in the nation. The same group figures Iowa State as the 17th best squad, nationally.

Missouri is undefeated after rolling to victories over Army, Rice, Louisville, Mississippi State and Kansas State. Iowa State owns victories over West Texas State, Iowa and Kent State as well as a tie against Oklahoma before the loss at San Diego State a week ago.

"We're facing a very good Missouri team this weekend," said Cyclone coach Donnie Duncan. "We have to put the loss behind us and get prepared. Missouri is 5-0, and that record speaks for itself."

The Tigers didn't get that record by accident. Quarterback Mike Hyde has been impressive, completing 74 of 121 passes for 926 yards and seven touchdowns. His favorite targets are tight end Andy Gibler (16 receptions for 132 yards) and James Caver (15 catches for 270 yards and a touchdown).

It's on defense where the Tigers have dominated foes. Nose guard Jerome Sally leads a rock-ribbed unit which has held foes to an average of 2.0 yards per rush and has picked off 13 passes.

Obviously, that's a solid team on both sides of the ball.

Meanwhile, the Cyclones are no slouches. Iowa State has improved its offensive production each week including a 557-yard effort which put 31 points on the board last Saturday night at San

Diego State. That came in a losing effort, however.

The Cyclone defensive unit must be ready to see more passes this week after surrendering 52 points, primarily in the passing game.

One way to keep the other team from moving the ball, though, is to not let them have it. That's a formula Iowa State used in knocking off a couple of highly-regarded opponents, Iowa and Oklahoma.

The Cyclones had the ball for nearly 37 minutes in the 23-12 defeat of Iowa, while in the tie with the Sooners, Iowa State kept Oklahoma's vaunted wishbone offense on the sidelines for 36 minutes.

Duncan would like similar figures today as the Cyclones return home for a four-game stretch which finds three games (Missouri, Colorado and Kansas) sandwiched around a trip to Kansas State.

The pagentry surrounding

today's game blends with the colorful trees as homecoming, a tradition at Iowa State since 1912, is celebrated. The Cyclones have won five of their seven homecoming games, although Missouri has not been the foe since 1967.

And the telephone trophy will go to the winner. This award dates back to 1959 when the game was played at old Clyde Williams Field. When the field phones were tested prior to the game, each side could hear the other.

The problem was corrected before the game, but not before considerable consternation on the part of each coach. The following year, Northwestern Bell of Ames presented a trophy which is retained by the winning team each year.

The trophy carries a replica of a telephone painted in Iowa State's cardinal and gold as well as Missouri's black and gold.

It's all on the line today.



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The Department of Intercollegiate Athletics Recognizes With Appreciation the following Iowa Automobile Dealers

Twenty-two Iowa automobile dealers are playing a big part in promoting the Iowa State sports program this year. These fans—and they are rabid backers of all forms of athletic activity—provide the use of automobiles to the department throughout the year. Their program permits Iowa State to make more efficient use of its funds. The department of intercollegiate athletics is deeply grateful to these sports-minded boosters.



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DONNIE DUNCAN
Head Football Coach

If one word were used to best describe Iowa State head football coach Donnie Duncan, that word would probably be "sincere." The quality of sincerity repeatedly strikes those who work with and around the 40-year-old Duncan.

This sincerity has been evident from the January day in 1979 when Duncan, an assistant at Oklahoma for six seasons, was selected as the ISU grid chief to replace Earle Bruce, who had returned to his alma mater, Ohio State.

Duncan has been honest and fair in his dealings with squad members, recruits, alumni, supporters, and the media. Although his first squad was decimated by injuries and subsequently limped home with a 3-8 record, last year's edition won its first five games en route to a 6-5 season. In his third year at the helm, Duncan has continued developing his program to return the Cyclones to the level of brilliance which produced four bowl squads during the 1970's.

A Greenville, Tex. native, Duncan came to Iowa State after his stint at Oklahoma where the Sooners produced a 62-6-2 record. From 1973-75, Duncan served as the Sooner receivers coach. In 1976 and 1977, he coached the explosive OU running backs, teaching such standouts as Billy Sims (the 1978 Heisman Trophy winner). In 1978, he was in charge of the offensive line, coaching a bevy of fine linemen including Greg Roberts, the recipient of the Outland Trophy that year. He was also assistant head coach in 1978. The personable Duncan has had two previous head coaching jobs, compiling an excellent overall record of 44-10-2 in the process. He guided Honey Grove (Tex.) High School to respective 9-2-1 and 11-1-0 marks in 1965 and 1966, garnering Bi-District Championships both seasons.

In 1970, he was named head coach at Navarro Junior College in Corsicana, Tex., a school which had won only five games in the previous four seasons. In his first season, he guided that team to an 11-1-0 record and a victory in the Wool Bowl. For his efforts, Duncan was named the Texas Junior College Coach of the Year and the Corsicana Chamber of Commerce Man of the Year after that unparalleled success. He followed that season with 6-3-1 and 7-3-0 seasonal marks, respectively, prior to being named an assistant coach with the Sooners.

In addition to his head coaching duties, Duncan served as the athletic director at both Honey Grove and Navarro.

His first coaching assignment was as assistant coach at Dublin (Tex.) High School in 1962. From there, he moved on as an assistant at Tarleton State College (Stephenville, Tex.) for two seasons. Sandwiched in between his two head coaching posts was a three-year tenure (1967-1969) as an assistant coach at Henderson County Junior College in Athens, Tex. He helped guide Henderson to the Texas Junior College Football Federation Championship and the Jaycee Bowl game in Roswell, N.M. in 1967.

Duncan graduated from Celeste (Tex.) High School in 1958, winning an incredible 16 varsity letters (four each in football, basketball, track, and baseball) there. He served as team captain and was an all-district football selection as a prep senior.

He went on to earn both B.S. (1962) and M.A. degrees at Austin College in Sherman, Tex.

Duncan, who has completed 20 hours of 4.0 work on a doctorate at East Texas State, married the former Sally Treadway of Greenville in 1962. They have two children—Amy, 13, and Mark, 18.

JIM WILLIAMS, Assistant Head Coach, Offensive Line Coach Williams, 47, joined the Iowa State staff of Earle Bruce in 1977, coming from Des Moines Dowling High where he was head coach.



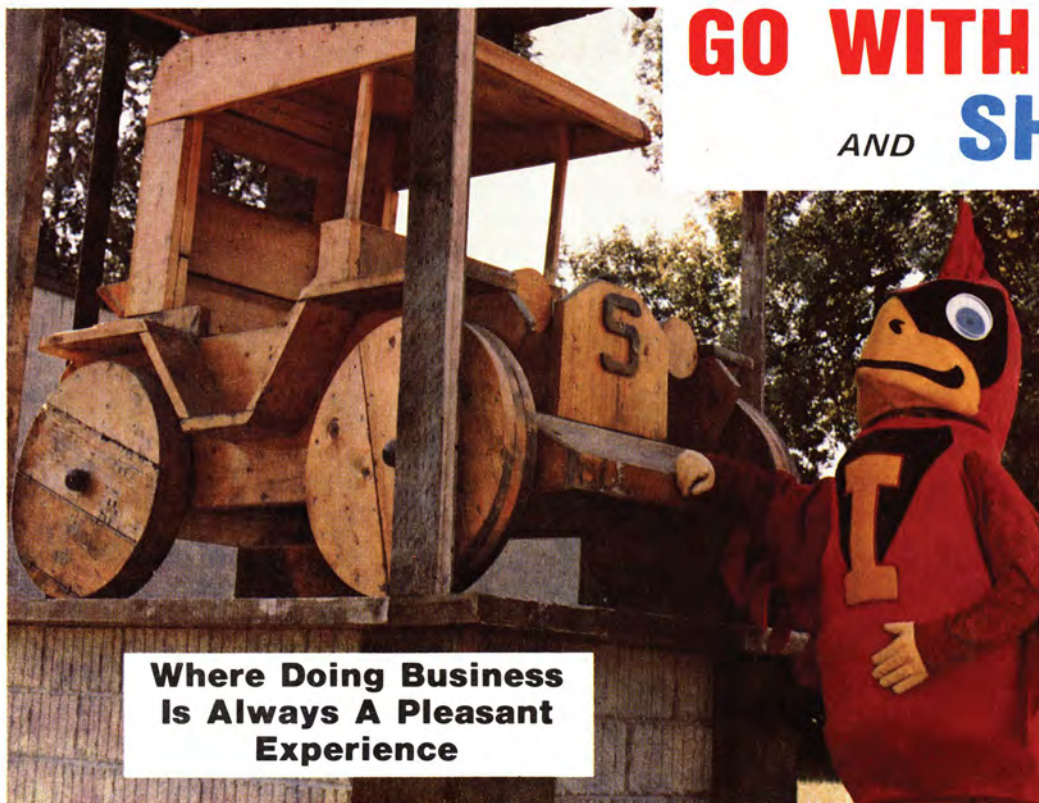
He has been offensive line coach at Iowa State since that time and in 1980 was promoted to assistant head coach by Donnie Duncan. Williams developed a 12-year prep dynasty at Dowling where his teams compiled an incredible 105-9-1 mark and never lost a Metro Conference game. His teams compiled a 58-game winning streak during the 1965-72 seasons.

Williams was an all-conference football and basketball performer at Northern Iowa and coached football at East Dubuque, Ill. and Audubon, Ia. high schools before moving to Des Moines Dowling. His career prep head coaching record was 181-19-3 and his teams completed 13 undefeated seasons, won 17 conference championships, and captured four state championships.

MACK BROWN, Quarterback Coach, Offensive Coordinator. After directing the Cyclone receivers in 1979, Brown, 30, became the offensive coordinator and quarterback coach for the 1980 campaign.



Before coming to Iowa State, he coached wide receivers at Memphis State for one year and quarterbacks at Southern Mississippi for three years. He began his coaching career at his alma mater, Florida State, where he was a graduate assistant receivers coach in 1973, and the junior varsity coach in 1974 when his team compiled a 4-1 record.



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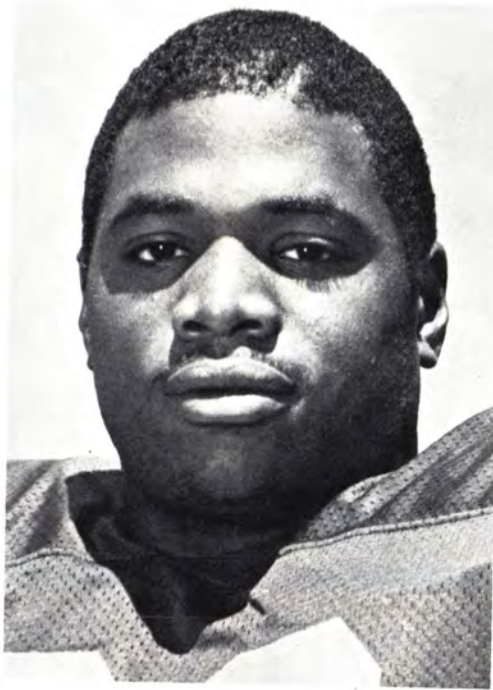
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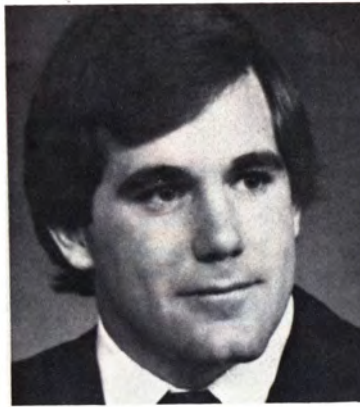
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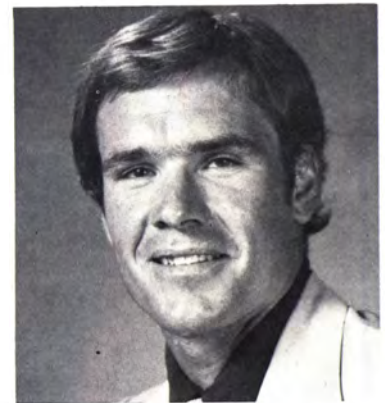
John Furlong



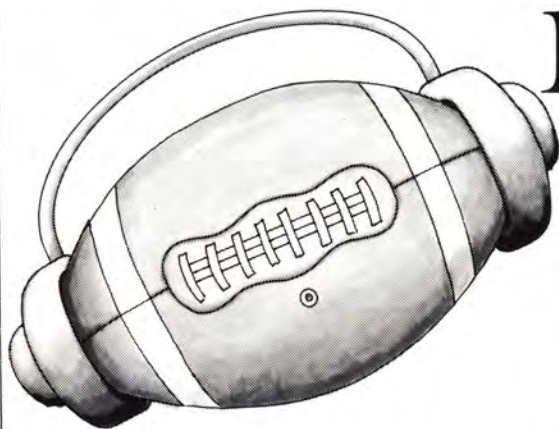
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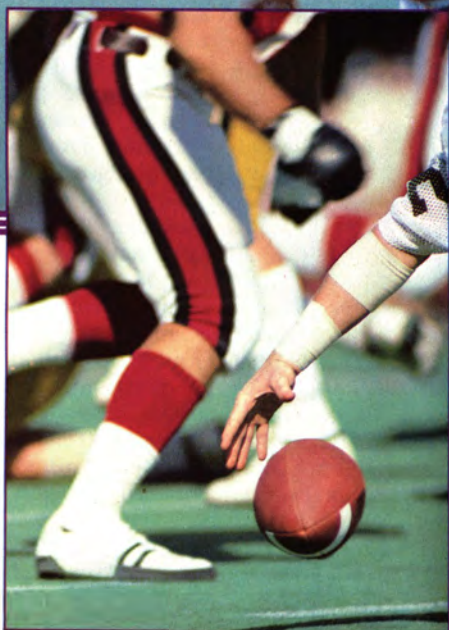
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ISU



Go Cyclones !



by George Breazeale,
Austin AMERICAN-STATESMAN

PREVENTING TURNOVERS

Washed out by the waves of college football's 112-year history is the name of the athlete who lost the first fumble, thereby being charged with the first turnover in the new sport.

But the Granddaddy of All Turnovers is not forgotten, although it occurred 53 years ago—and it is remembered not only because it happened in the Granddaddy of All Bowl Games, the Rose Bowl, on January 1, 1929.

Late in the second quarter of a scoreless game between Georgia Tech and California, the football popped out of the arms of a Tech runner, enticingly free at the Georgians' 30-yard line. Under the rules then in effect, fumbles could be picked up and advanced by either team. And, after a wild scramble, California center Roy Riegels picked up the loose

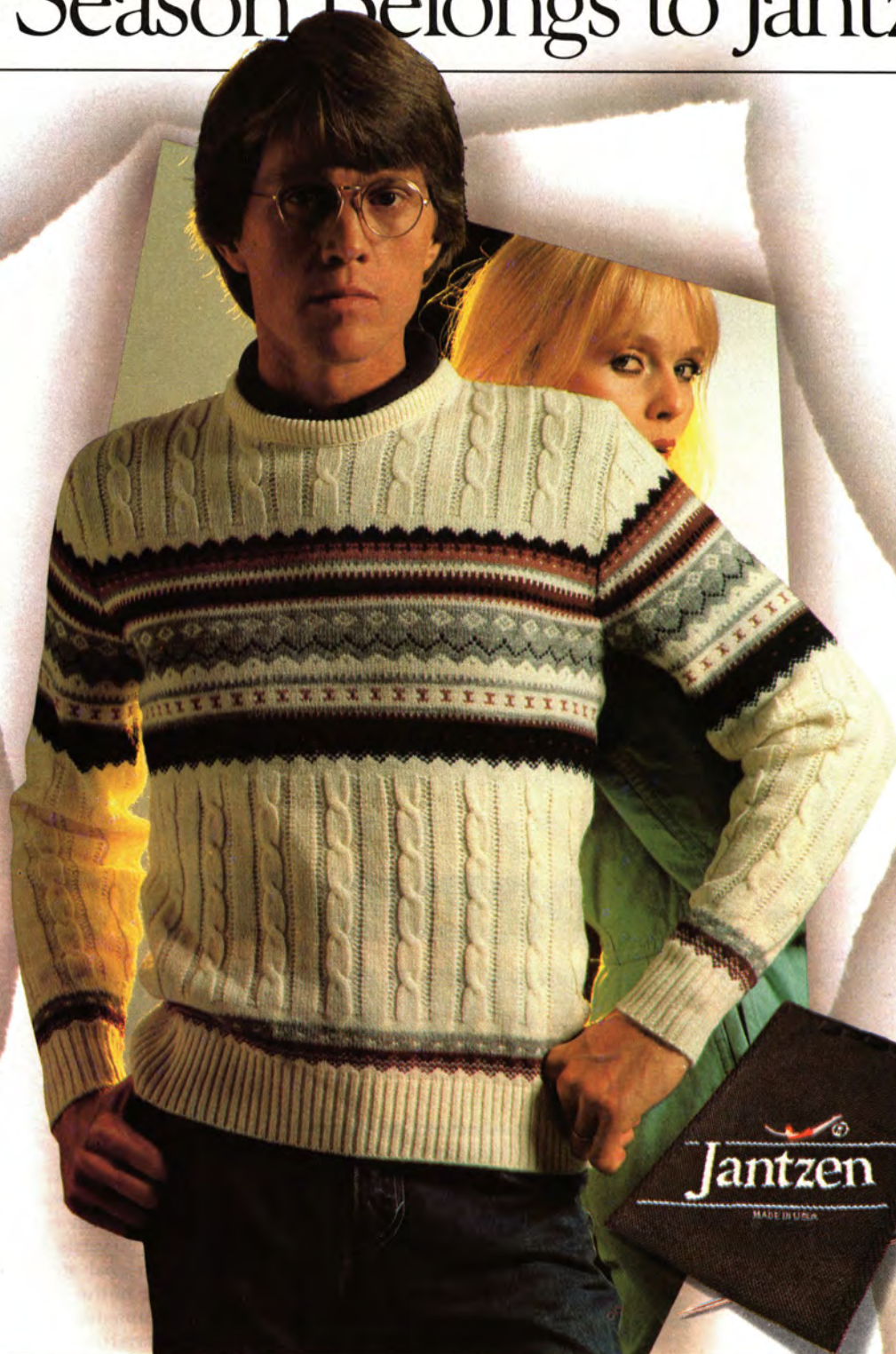
ball and headed for scoring territory with it.

In the next few seconds, the fumble recovery became forever memorable. Riegels ran not towards the Tech goal line 30 yards away, but back towards his own goal stripe, 70 yards distant. The roar of the crowd of 70,000 silenced his teammates' warning shouts and UC quarterback Benny Lom, with no other choice, finally tackled Riegels at the California six-inch line. A few plays later Tech blocked a punt in the end zone for a safety and the ultimate winning margin in an 8-7 game.

Fans remember Riegels as a fine athlete penalized by fate—bereft of direction after his struggle to recover the football and so fleet of foot because of his

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Preventing Turnovers

continued

desire to score that his mates couldn't catch him in time to avert disaster. But college coaches throughout America now look at the play for which he gained fame and see it as unique—because Riegels paid a price for doing the right thing.

"Unless there are a couple of identical plays in the books somewhere, it may be the only time a team ever lost a game because it recovered a fumble," said one Big Eight Conference coach. "There is no way a player should ever pass up recovering a fumble—on the ground, where the defense now can't advance it, or even in the air, where it can be run back. Turnovers are the big play in so many games that Riegels' bad luck is a one-in-a-million type of thing.

"Fumbles, in particular, are critical—not that pass interceptions and blocked kicks shouldn't be regarded as turnovers, too, but because the fumble is the thing the offensive team has the least control over. Every time you snap the football, there is a fumble risk involved—on the pass from center to quarterback, the quarterback handoff to the fullback or halfbacks, on an option pitch, or on the quarterback keep—and that doesn't even touch fumbled punt snaps or receivers coughing up the ball after they catch it."

If Roy Riegels saw a golden opportunity that January day in Pasadena, then subsequent generations of football players have had even more chances for the glory of seizing turnovers. Changes in football over the past three decades and the improvement in the equipment players wear have made fumbles more prevalent than ever—and have prompted frantic coaches to labor diligently to cut down on the turnover epidemic.

"The advent of option offenses, first the offenses of the 1950s, then the Wishbone triple option in the 1970s, and finally the veer option, have made the no-contact—or execution—fumble a lot more common than it was in Riegels' day," the Big Eight coach reflected. "You might have seen single wing tailbacks drop a few passes from center, but not to the extent that you see halfbacks nowadays trying to run down off-target option pitches from quarterbacks."

But many well-known coaches sensed the enormous yardage potential from option offenses and willingly accepted the turnover risk factor to harvest the touchdowns and victories which resulted. But they know the frustration reaped from fumbles occurring on seemingly safe plays, routine center snaps and simple handoffs designed to run out the clock and preserve hard-earned victories.

There are hundreds of coaches who wonder what causes turnovers and if



The campaign to eliminate turnovers usually starts with the fundamentals, such as the handoff from quarterback to running back.

there is a miracle cure for them. But few coaches have the same precise philosophy on why fumbles occur—and none can agree on an unfailing remedy for the plague.

"Obviously, you start with fundamentals," said a Southwest coach. "You coach the center to snap the ball a certain way, you coach the quarterbacks to hold their hands a certain way to take the center—and a lot of quarterbacks like to make variations on hand position on the snap—and you work with your running backs on tucking in the ball on a direct handoff, with variations on the best way to do that, too. You tell running backs to cap one hand over the end of the football and you preach to runners never, never to try to shift the ball from one arm to the other when they're in heavy traffic.

"And still you have the fumbles, sometimes seemingly in cycles. If there are enough of them, you see a winning season—and maybe a bowl bid—go up the chute."

Some coaches, when victimized by the turnover blight, diagnose the ailment from two standpoints: physical and mental.

"The physical part starts, of course, with fundamentals," said a Big Ten Conference coach. "I don't guess we'll ever know what caused the fumble that Riegels picked up in the Rose Bowl game. But now you can look at film of your last

game and tell if the ballcarrier lost the football because he didn't cradle the handoff properly, or was trying to shift it from one arm to the other at the time he was hit.

"Errors like those can be corrected," he added, "but the fumbles that really tear you up are from runners whose effort to get that extra yard sometimes costs them the football. Runners with great strength and balance, who are always twisting and turning, always stretching out for the extra yard, are sometimes in the grasp of so many tacklers and hit from so many angles that the football will come loose. They're on their feet so long at the point of contact with the tackler that the ball sometimes gets stripped away. Those runners, too, can often cause officiating problems, because it's sometimes difficult to tell if the runner was down when the ball finally came loose.

"But the real problem is, you can't fault the runner for giving that kind of effort, especially nowadays when the contact is as intense as it has ever been."

Contemporary physical aspects of college football, partly made possible because of equipment better protecting players and heightened because of strength and size gained by players in weight programs the last decade or so, have prompted some college coaching staffs to remedies which can be administered in practice.

continued

Preventing Turnovers

continued

"Many college teams do very little daily contact work once the season starts," said a Southwest coach. "They use the time in practice to work on offensive timing and techniques. It may be that limiting contact only to games on Saturday is not enough to condition ball-carriers, both physically and mentally, to game-type contact. Players can be coached on fundamentals, there are exercises they can do to strengthen their fingers, hands, wrists and biceps, which are all important in holding the football, but maybe five or 10 minutes of actual physical contact every day could cut down some on fumbles. I'm sure some coaches, because of the limitation of 95 scholarships, think they don't have the depth to risk getting players injured with daily contact and they feel offensive timing is just as important in cutting down on turnovers."

One enterprising coach, coming off a season in which his team fumbled 50 times and lost 32, took a look at the contact aspect of the problem and he and his assistant came up with a mechanical answer. The result was a contrivance of pipes and old tires, dubbed the Power Tunnel. Backs and receivers were given the football and sent through a maze which blasted them—and their leather cargo—from pillar to post. The next year, they fumbled only 32 times, lost only 17,

and won their first conference championship in 50 years. In the years since, the device has been used every day in spring training and twice a week during the regular season. Some other college teams now have the device, as do some high school teams, and coaches generally credit it not only with reducing fumbles, but with improving the strength and balance of athletes who are sent through it.

Many coaches believe that jerseys, particularly those used in hot, humid weather, are factors in fumbles because the tightly woven shirts cause high perspiration levels. Recently schools have been switching to better ventilated wear which leaves less moisture on the ball-carriers' arms and hands—and, of course, on the football.

While some coaches take a direct approach to try to cure fumbles, other coaches fear that talking about the illness will only compound the malady.

"We are careful in talking about fumbles, particularly if one or two backs are having problems—and their turnovers aren't because of deficiencies in fundamentals," said a Southeastern Conference coach. "Stress the fundamentals, sure, but don't make a big issue of it. If the fumbles are because of bad luck or extra sharp contact, don't erode the player's confidence any more by harping

on it.

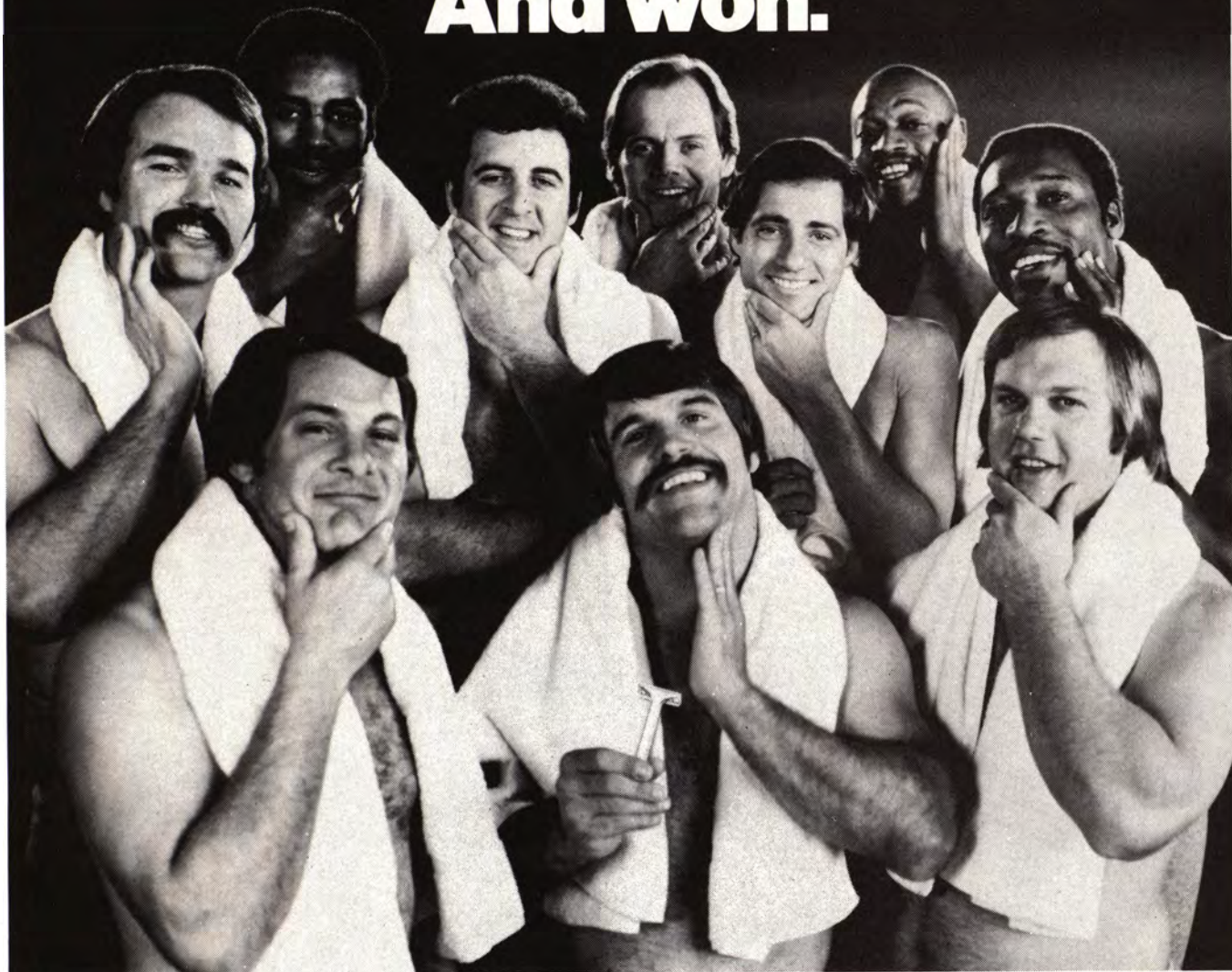
"Once in a while you may coach a runner who carries 500 times in his career and loses only one or two fumbles. In a high contact sport like football, some of not fumbling has to be luck. Yet some guys do seem to have a sixth sense about where they are on the field, and where the defensive players are. It parallels what you sometimes see in great defensive players—guys who always seem to know where the football is and go to it, although sometimes they can't possibly see it. And any player who's not a fumbler, simply through instincts and fundamentals, will cover up the football the instant he feels contact.

"But when you relate turnovers to winning or losing, there's another factor. There's never a good time for a turnover, but one in your own end of the field is unquestionably the worst. And running the high risk play, the pitchout, the option, inside your own 20 is just asking to lose the football game—likely to cost you three points, and maybe six. As long as football is played, there will be turnovers, even some inside your own 20 with the kind of contact the game has now. But running the high risk that close to your own goal line is just asking for trouble. There are troubles enough with fumbles on the other 80 yards of the field." ■

Every time the ball is put into play, there is a fumble risk involved—on the pass from center to quarterback, the quarterback handoff to the running back, on the quarterback keep or on the option pitch, as shown.



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Jim Brown

by Arnie Burdick,
Syracuse HERALD-JOURNAL



Brown was Syracuse's first 2,000-yard career rusher.

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Then it all became academic when a teenager came roaring off Long Island who could do it all—he was as elusive to catch as a shadow and as hard to stop as a Mack truck running

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It was probably more prophetic than happenstance that Jim Brown rhymed with touchdown!

Every football fan knows about Jimmy Brown of Cleveland Browns fame—the greatest ballcarrier in NFL history, who rambled for 12,312 yards to stand atop the pro rushing ladder. However, few are aware of his early beginnings.

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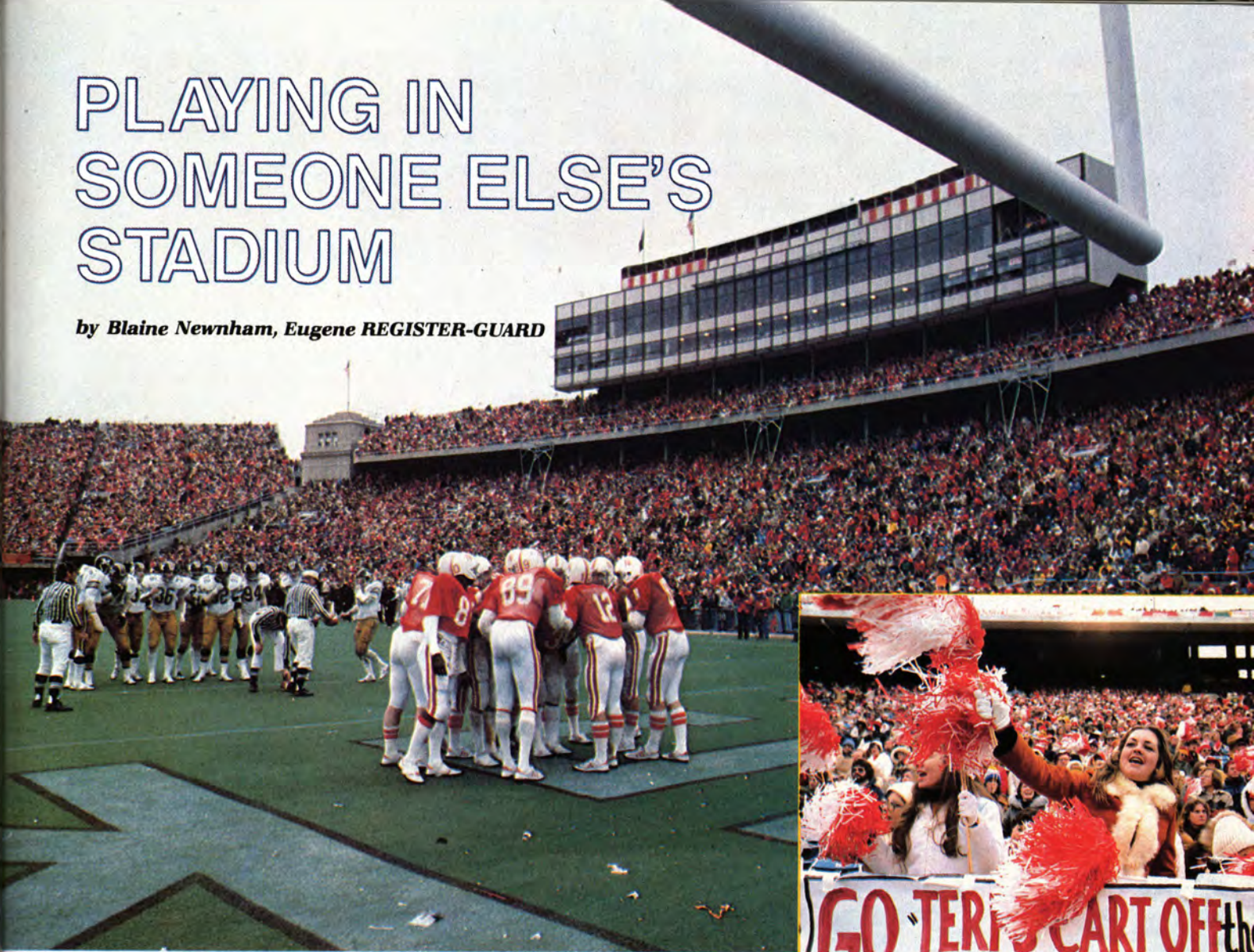
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PLAYING IN SOMEONE ELSE'S STADIUM

by Blaine Newnham, Eugene REGISTER-GUARD



The coach from the visiting team buckled under the pressure of playing national champion Southern California in the mammoth and hostile environment of the Los Angeles Memorial Coliseum.

It was the afternoon before the game. The two chartered buses were waiting outside the stadium to take the visitors back to their hotel after a short workout.

One of the buses wouldn't start, and the other wouldn't venture through downtown Los Angeles without the wounded one. The head coach of the visitors went on a mad dash around the parking lot trying to find a set of jumper cables.

He was more worried later about the quality of the steaks served at the hotel—and when they were to be served—than he was about the substantial rooting section USC marshals for its games, more concerned about whether his team would get wake-up calls at the hotel than about the notorious smog in Los Angeles, more concerned about the distractions for his team from local family and girlfriends than about the condition of the field.

The logistics of moving 60 football players, nine coaches, two trainers, a doctor, four student managers and all the gear they must take with them is frankly of more worry to most football coaches than is the notoriety of the rival's stadium and fans.

Dwight Eisenhower probably wasn't as worried about getting the troops ready for the invasion of Normandy.

"You want to make things go as smoothly as possible," said a coach who has been with teams that have played in the Southeastern Conference, the Pac-10 Conference and as an independent playing as tough a schedule as there is in the country.

"Frankly, I've always enjoyed traveling as a player and a coach. As a player, I just thought it was pretty neat to stay at a nice motel, eat steaks, and play in nice stadiums. As a coach, I've had more time to see things while we've traveled, but I find it terribly upsetting when things aren't well organized."

Coaches talk about the fluidity of the day. Mostly, they don't want their players worrying more about when the bus will pick them up, why their hotel room isn't

ready, or why the milk at the pre-game meeting was sour than about the team they are playing.

Concentration is paramount for the team on the road, but coaches are more concerned about it during the 24-hour buildup to the game than they are during the game itself.

"As far as the outcome of the game is concerned," said one coach, "I've found that the football team with the best players, the team that is capable of playing up to its potential, is almost always going to win whether it is playing at home or on the road."

This is not the story you will hear from college basketball coaches, who would rather stick toothpicks under their fingernails than play on the road. One study indicated that the home team in football might win slightly more than 50 percent of its games, while in basketball the figure approaches 75 percent.

"Basketball is much more affected by the crowd," said a football coach. "It's more involvement by the crowd, more intimacy. The noise level really can bother the visiting team, and it often has

continued

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Someone Else's Stadium

continued

a big impact on the officials.

"If I've got a real good football team," continued the coach, "then I can travel anywhere. A good team usually means the players have experience and a good deal of maturity. A mature, experienced team handles adversity well. It really doesn't matter where it plays."

All of this is not to suggest that coaches and players don't care whether they play at home or on the road. Obviously, the home crowd offers a lot of support. But unlike the sport of basketball where fans can often intimidate the opponent, in most college football games the crowd either affects the home team positively, or has no effect at all.

There are, however, some stops in the Southeastern Conference—notably Louisiana State—where crowd noise can be a major problem for the visitor.

"On the West Coast," said one coach, "the crowds aren't really a factor at all. But in the Southeast, the crowds can bother an inexperienced team, and especially an inexperienced quarterback."

A few years back, a team from the Pac-10 was faced with the unenviable assignment of opening the season at Nebraska. What to do, what to do?

The coach at the time found himself a recording of crowd noise. The tape was billed as Nebraska versus Oklahoma, but it was probably crowd noise from the local race track.

Anyway, for every minute of practice during the week before the opener, the coach had his manager put on the tape and play it on the stadium public address system loud enough that any self-respecting teenager would think he was in heaven.

The noise was nerve-racking. It was so bad that when the team finally trotted out in front of the overwhelming crowd at Lincoln, the noise in the stadium was almost soothing.

So the team from the West handled the noise. But it still had to play the Cornhuskers, and ended up losing by 50 points.

Pittsburgh plays a very demanding and noisy rivalry with West Virginia.

"For one of our games down there," said a former coach at Pitt, "we played a recording of John Denver's song, 'West Virginia' mixed with crowd noise during all of our practices. By the time we got to playing them, we hated the song, we were pretty irritable and we played a good game."

Certainly, there are variables in time, temperature, altitude and playing surface for which coaches must prepare their teams.

And they do it in different ways.

It is not unusual for a team which is playing a night game when it normally



Although rain can affect a team's playing, it doesn't seem to bother the fans.

plays during the day to practice a few times the week before at night.

The time zone is generally handled by leaving earlier. The general rule of thumb is that if you are crossing more than one-time zone, you leave a day earlier than normal.

A West Coast team playing in the Midwest or East will often head East on Thursday for a Saturday game instead of on Friday.

Altitude is sometimes considered more of a problem, or no problem at all. Some teams will take oxygen with them for a game at the Air Force Academy. But just as many teams will ignore the mile-high location in Colorado altogether.

Football players from a Pacific Northwest school have been known to take turns sitting in a sauna to prepare for a game in the steamy, sultry South. And then there was the coach in Los Angeles who ran the sprinklers over a small patch of AstroTurf to simulate what it would be like playing in Seattle.

Just as temperature and elevation can make a difference, so can reputation. It is special, frankly, to play at South Bend, Indiana. A team had better not be looking around for Knute Rockne or the Gipper when the ball is kicked off.

"We tried to engrass our players in the tradition of playing at Notre Dame," said one coach whose team often played there.

"I think you're fortunate to play in such a history-laden stadium and in front of such an enthusiastic crowd. Hell, we just told our players to go out there and enjoy it."

It normally helps visiting teams to get the feel of the Notre Dame stadium the

day before they play in it. For one thing, they understand it's just a stadium, older than many, and that while the crowd will be noisy, it won't be on the field.

One aspect of that stadium that all players and coaches notice is the length of the grass. "Tony Dorsett was fairly short," said a coach at Pitt, "and we couldn't even find him in that tall grass."

While Notre Dame is accused of not cutting the lawn to favor its bigger, stronger and sometimes slower players, schools in the Northwest have been criticized for putting water on their artificial turf even when it isn't raining.

Coaches do take into consideration the playing surface, and all teams have one set of shoes for natural grass fields and another for artificial surfaces.

On game day, after all the meals have been served on time and all the bus schedules met, the visiting team's coaches report early to the stadiums.

"When we get there all our coaches have definite assignments," said a coach. "One coach will check the phones to the press box and make sure they work and are private. Another will be in charge of charting the wind, and another the direction of the sun and what impact it will have on our play."

"Those things can all have a bearing on the game, but they aren't nearly as important as the kind of talent you have and how you've prepared all year long for the game."

"Playing in somebody else's stadium can be just like playing in your own—and will be if you've handled all the travel arrangements correctly and you play well enough to keep the home crowd quiet."



College Football Trivia Quiz

1. The oldest college rivalry—it started over 100 years ago—is between _____.
 a. Princeton and Rutgers
 b. Yale and Harvard
 c. Alabama and Tennessee
2. In 1954 two teams were crowned national champions. Ohio State was one and _____ is the other.
 a. Army
 b. Mississippi
 c. UCLA
3. The first man elected to the National College Football Hall of Fame as both a player and a coach was: _____.
 a. Bernie Bierman
 b. Amos Alonzo Stagg
 c. John W. Heisman
4. In 1960 there were only two teams which were undefeated and untied. They were _____ and _____.
 a. New Mexico State and Yale
 b. USC and Michigan
 c. Illinois and Boston College
5. Of these players, which did not win the Outland Trophy? _____.
 a. Scott Appleton, Texas
 b. Ron Yary, Southern Cal
 c. Dick Modzelewski, Maryland
 d. Ed Bagdon, Michigan State
 e. Jerry Sisemore, Texas
 f. Ross Browner, Notre Dame
6. In 1935 the University of Chicago had an All-Big Ten Player who was also the Heisman Trophy winner. He was _____.
 a. Walter H. Eckersall
 b. Jay Berwanger
 c. Paul R. DesJardien
7. Three of these running backs had three consecutive 1,000-yard seasons. Who are they? _____, _____ and _____.
 a. O. J. Simpson, USC
 b. Chris Gilbert, Texas
 c. Ron Johnson, Michigan
 d. Ed Marinaro, Cornell
 e. Woody Green, Arizona State
 f. Gregg Pruitt, Oklahoma
8. The player nicknamed The Lonely End was _____ of _____.
 a. Don Hutson, Alabama
 b. Ron Sellers, Florida State
 c. Bill Carpenter, Army

Answers

1. a) 2. c) 3. b) 4. a) 5. e) 6. b) 7. b, d, f) 8. c

SCORE YOURSELF

7—10 correct—Football Trivia Expert
 3—6 correct—Football Trivia Semi-Expert
 0—2 correct—Football Trivia Non-Expert



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Brown

continued from 61

J.B. was only 17 when he enrolled at Syracuse University in the fall of '53, but he already had the perfect physique—a "V-Man" with the massive shoulders and chest of a heavyweight boxer tapering to a thin, waspy waist. And all this supported by a pair of legs that looked like they were meant to be redwood trees.

An unparalleled scholastic athletic reputation at Manhasset High had preceded Big Jim to Orangeland. Unlike today's age of specialization, Jimmy played 'em all. And starred!

Football and basketball were his two favorites, but he was also an all-star lacrosse player in one of the nation's most traditional hotbeds, pitched and played first base for the school nine and high-jumped a record six feet, three.

As a 14-year-old soph, Jimmy averaged 7.4 yards running the football, but the next season, he more than doubled his average to 15.1. Then, in his senior year "old age" must have started catching up with him, for Jim tapered off to a 14.9-yard average. He rolled up 132 points his senior year, but inasmuch as so many of the games were one-sided, his playing time

added up to just four games. Obviously, he was a shoo-in to receive the Jim Thorpe Award as the most outstanding senior footballer on Long Island.

Brown's gridiron feats were possibly overshadowed that winter on the basketball court where he set a Long Island record for a single game by pouring in 53 points. Then, to prove it was no fluke, he popped in 55 the very next week. His average that season was 38 points per game.

And when Jim wasn't leading Manhasset High to victory on some field of friendly strife, he was also earning his spurs as a master debater and as Chief Justice of the school's supreme court.

Born on St. Simons Island off the coast of Georgia, Jimmy moved north to Manhasset with his parents as a young lad, so it was natural for him to continue his education at a major institution in the Northeast.

Syracuse was no bed of roses for Big Jim when he hit campus. For one thing, the freshman rule was in effect then, and canny Ben Schwartzwalder, like most skippers of that era, brought sophomores along slowly.

But when J.B. finally got the call, he broke in with a bang. He ripped for 145 yards, including a 54-yard TD, against a good Cornell team, then broke up the traditional Colgate game with a 41-yard gallop that dissolved a 12-12 deadlock.

His junior year, Jimmy got the Orange back on the winning side of the ledger, and during his senior campaign the unanimous All-America spearheaded Syracuse's drive to the Cotton Bowl, where he was overwhelmingly named the MVP even though the Orange was downed by TCU, 28-27. He had closed out his collegiate grid career with a flourish and was the first to make the famed "No. 44" jersey sparkle.

Big Jim wound up as Syracuse's first 2,000-yard career rusher, a feat in those days, for footballers back then had to play both ways, and Brown, of course, also caught all the kicks, as well as doing all the placement work. His 5.8 yard-per-carry career average is still second only to the late Ernie Davis' ball-carrying work for the Orange.

Brown's grid finale in Ol' Archbold Stadium was a memorable masterpiece and still has a special place reserved for it in the NCAA's Book of Records. Against Colgate that afternoon, Brown roared for six touchdowns and added seven PATs to tally 43 points, still the major-college record for single game scoring.

But Jimmy Brown was more than just a kid who rolled up fancy grid stats. He was an all-around whiz. He housed a sprinter's speed on a weight-thrower's torso (6-2, 218 his senior season), which is why he almost won the National AAU Decathlon in '54 and '55, and also why many track experts insisted he could have panned the Decathlon Gold in the '56 Olympics.

He once won a dual track meet virtually single-handed before he led the Orange lacrossers later that afternoon to a well-earned victory over the Army Cadets to clinch an undefeated season. And to this day in Baltimore, the cradle of the American game, they still rave about Brown's lacrosse prowess after he dominated the annual North-South All-Star game there.

And Big Jim was so talented as a campus basketball star that he was drafted by the NBA even though he decided not to play his senior year due to reporting late because of a New Year's Day Bowl commitment.

To many of us who followed his brilliant career from his teen years to retirement, the greatest quality that Brown possessed outside his exceptional athletic skills and talents was his indestructibility. Brown never missed a game—high school ... college ... or pro.

In 16 years of brutal competition, when all the defenses were designed to stop him, Big Jim lined up every game. ■

Brown was an outstanding lacrosse player at Syracuse.



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MARK OF EXCELLENCE

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SAVE THIS PROGRAM

Today's Sports Collectibles

by Nick Peters, Oakland TRIBUNE

What will you do with the football program you're reading today? Will it end up on the ground to be trampled on as fans file out of the stadium? Will it be folded in half, tucked into a coat pocket, then discarded when you get home? Or will you be like so many nostalgics who neatly tuck programs away in a closet, hoping to relive today's game another day?

If you're in the latter group, you're among a growing number of football collectors involved in a hobby which can be both fun and profitable. After all, today's program probably cost between 50 cents and two dollars, so why throw your money away?

Baseball card collecting commands most of the attention among sports hobbyists, but football programs could be a smart investment given the rising popularity of the grid sport in the last two decades. The program for Super Bowl I at Los Angeles in 1967, for instance, cost \$1. Today the '67 program goes for more than \$50.

But that's mere peanuts compared to the program for the first Rose Bowl game, the 1902 clash between Michigan and Stanford. It is valued at \$2,000 and is in the possession of a California realtor who estimates that his program collection is worth at least \$100,000.

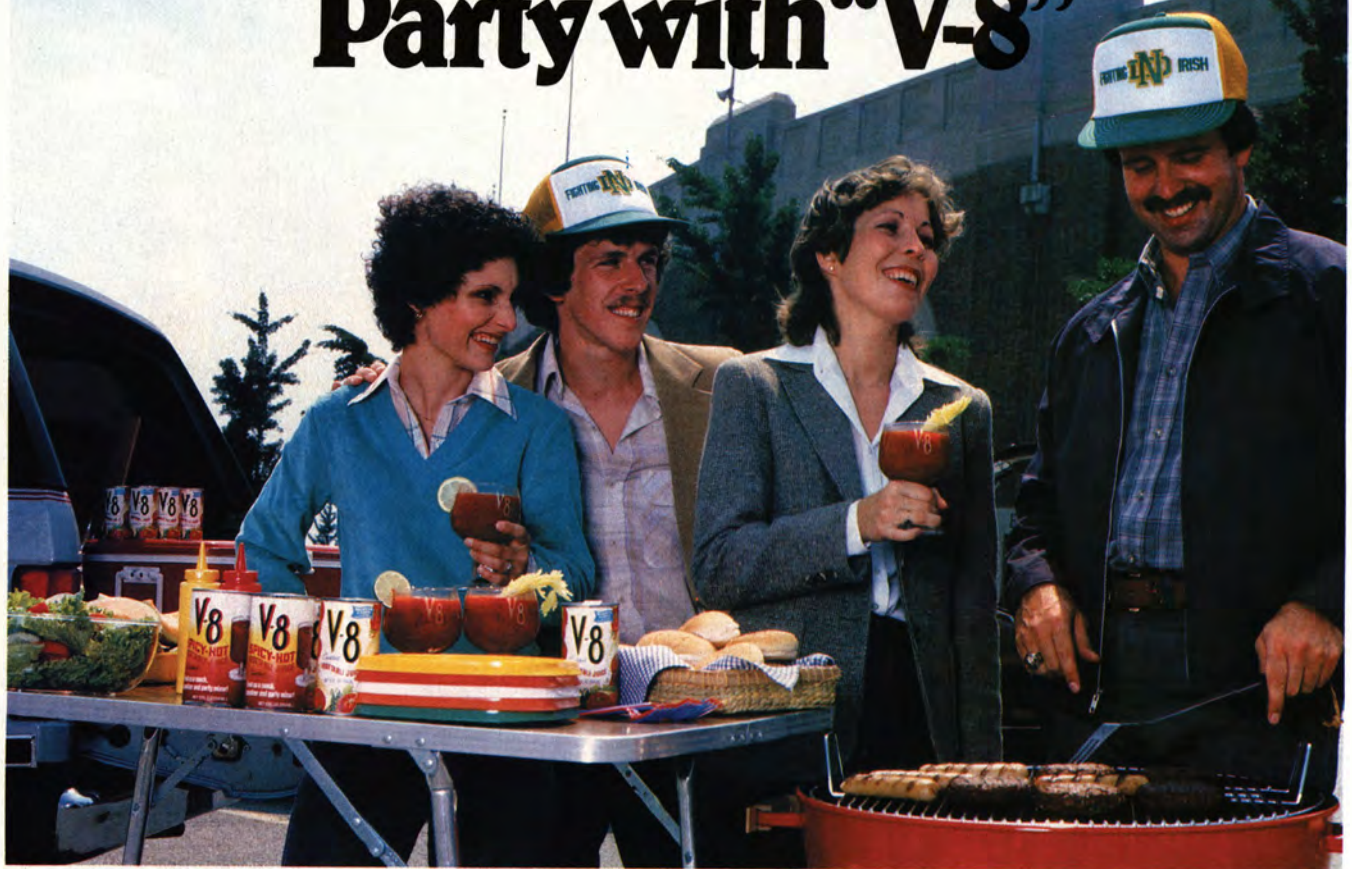
Few collectors, of course, have a program collection with the quality and quantity of his pride and joy. But Bill Farmer, who operates Midwest Sports Books at South Bend, Ind., has more than 50,000 football programs for sale as well as a comprehensive personal collection of Notre Dame publications.

Nobody knows for sure when the first

continued



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- | | | |
|--|---|---|
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| <input type="checkbox"/> Illinois | <input type="checkbox"/> North Carolina | <input type="checkbox"/> Temple |
| <input type="checkbox"/> Indiana | <input type="checkbox"/> Northwestern | <input type="checkbox"/> Tennessee |
| <input type="checkbox"/> Iowa | <input type="checkbox"/> Notre Dame | <input type="checkbox"/> Texas |
| <input type="checkbox"/> Iowa State | <input type="checkbox"/> Ohio State | <input type="checkbox"/> Texas A & M |
| <input type="checkbox"/> Kansas State | <input type="checkbox"/> Oklahoma | <input type="checkbox"/> Tulane |
| <input type="checkbox"/> Kentucky | <input type="checkbox"/> Oregon | <input type="checkbox"/> U.C.L.A. |
| <input type="checkbox"/> L.S.U. | <input type="checkbox"/> Oregon State | <input type="checkbox"/> U.S.C. |
| <input type="checkbox"/> Maryland | <input type="checkbox"/> Penn | <input type="checkbox"/> Utah |
| <input type="checkbox"/> Memphis State | <input type="checkbox"/> Penn State | <input type="checkbox"/> Utah State |
| <input type="checkbox"/> Miami | <input type="checkbox"/> Pittsburgh | <input type="checkbox"/> Vanderbilt |
| <input type="checkbox"/> Michigan | <input type="checkbox"/> Princeton | <input type="checkbox"/> Virginia |
| <input type="checkbox"/> Michigan State | <input type="checkbox"/> Purdue | <input type="checkbox"/> Wake Forest |
| <input type="checkbox"/> Minnesota | <input type="checkbox"/> Rice | <input type="checkbox"/> Washington |
| <input type="checkbox"/> Mississippi State | <input type="checkbox"/> Rutgers | <input type="checkbox"/> Washington State |
| <input type="checkbox"/> Missouri | <input type="checkbox"/> Slippery Rock | <input type="checkbox"/> Wisconsin |
| <input type="checkbox"/> Navy | <input type="checkbox"/> Stanford | <input type="checkbox"/> Yale |
| <input type="checkbox"/> Nebraska | <input type="checkbox"/> Syracuse | |

Football programs are packed with valuable information on both teams.



Bowl game programs are much sought after by football program collectors.

Bob Wiggs, a collector from Indi-

Neighbor Tod Spieker, like McGovern, is on a quality kick. But he also has sufficient quantity to warrant the building

continued

Save This Program

continued

of a 17-by-10 room in his garage to house the collections, which he stores in four-drawer legal file cabinets. Like many program collectors, Tod got started because he is a fan and because of parental influence.

"My dad kept a program from every game he attended and he got me involved," Spieker explains. "I continued collecting on my own because I'm a fan. I also like football collecting because it's more unique. There are a lot more baseball collectors, so that's not such a big deal."

"It's more of a hobby than an investment for me. Some people have more programs, but my collection would be tough to beat in terms of quality. I wouldn't trade it for anyone's. I stockpile duplicates so I can trade with people. If there's something I really need, I'll give a lot for it."

Among the rare possessions in Tod's mini-museum are a 3-by-5 scorecard for that historic 1875 Harvard-Yale game, an item he values at \$200. He is proudest, however, of the 1902 Rose Bowl program and refutes Goldfadden's claim that it is a four-page scorecard.

"There's only one in existence and I have it," Spieker boasts. "There may also have been a scorecard for that game, but I have a program printed in conjunction with the Tournament of Roses. It is a 40-page book, with five or six devoted to football."

"Rose Bowls are my favorite collection and I consider the 1902 game the cornerstone. I found it about four years ago. I bought it from an old fellow in Pasadena for \$150 and some newer programs. I have all the Rose Bowl programs except three, but I don't think one was published for the 1923 Penn State-USC game. There are none available."

Spieker also is missing the 1918-19 Rose Bowls, played between service teams during WWI, and has all the Orange Bowl programs except the first, Miami-Bucknell in 1935. Tod has most of the Big Game programs dating back to 1892, owns a run dating from 1924 on the major Notre Dame rivalries (USC, Army and Navy), and has all the Cal programs, home and away, from 1927, except for the 1934 contest at Hawaii against Honolulu Township.

But programs don't necessarily have to be old to be valuable to certain collectors. Wiggs, in fact, mentioned a 1979 program as his favorite.

"It was the Notre Dame-Miami Mirage Bowl at Tokyo," Bob says. "I consider it the best in my collection because I've never seen a more beautiful program. It's thick, 80 pages, and the photography is fantastic. I consider that '79 program and the 1935 Notre Dame-Ohio State as my two favorites."



Football programs provide great reading not just at the game, but at home, too.

Today's programs, of course, have the advantage of modern technology. What they lack in nostalgic ads and old-time covers, they compensate for with greater printing quality and vivid colors. Companies like Touchdown Publications, of San Francisco, use a national format with local inserts to cut rising costs without diminishing quality.

The pioneer of football program syndication is Berkeley's Walter Kolasa, who is living in retirement after spending more than 60 years as a floor sweeper, advertising salesman, advertising manager and, eventually, president and owner of Lederer, Street and Zeus Printing Co. in Berkeley.

"I started with the company in 1914 and was a sports fan," Kolasa says. "In those days, there were scorecards for most games and more elaborate programs for traditional rivalries like Cal-Stanford. I can remember the boss thinking that only a scorecard was necessary and that there was absolutely no value to the covers."

"But as I moved up with the company, I realized some money could be made by franchising covers. I contacted Charlie Thorp, an ad representative in New York, about national ads for programs and the idea took off. By the mid-1930s, the football program business was booming."

Thanks to the ingenuity of Kolasa, his company began servicing colleges all over the nation with beautiful, artistic covers, inserts, schedule cards and post-

ers. At his peak, Walter printed programs for all the Pacific Coast Conference (forerunner of the Pac-10) schools, major independents like Santa Clara and St. Mary's and the majority of the Big Ten universities.

"We became an authority on programs because we gave service and quality," Kolasa recalls. "I realized the program's potential as a source of ad revenue. Richfield was the first company to buy a color centerfold with lineups and tobacco companies went for the back cover. It started with Camels and Chesterfields."

"We had more business than we could handle from the Thirties to the early Seventies. We did all the Rose Bowl and East-West programs in those years. Then we got into pro ball when the 49ers started in 1946, and we also did the Raiders when they began in 1960. Then things started costing too much and bigger companies had the means to offer a better deal, so the NFL went to the Pro Magazine format and Touchdown Publications started handling a lot of the college business."

The individuality likely will never return to the football program, but outstanding photography and reproduction methods have made the modern football program attractive in a different way. It might be a few years before you can wax nostalgic over this 1981 program, but take some advice: don't dump it. Today's throwaway becomes tomorrow's treasure.

A man with brown hair, smiling, stands on a green golf course. He is wearing a red short-sleeved polo shirt with a small logo on the sleeve, white pleated trousers, and a dark belt. He holds a golf club in his right hand and has his left hand on his hip. In the background, there are palm trees and a large, light-colored building. The scene is brightly lit, suggesting a sunny day.

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THE FIRST COLLEGE FOOTBALL GAME

Discourses on the origin of football are akin to arguments over the chicken and the egg mystery, except that football historians give you more possibilities to consider.

There are those who insist the Greeks invented football and called it harpaston. Others contend the Romans started it all and called it harpastrum after Julius Caesar caught Teutonic tribesmen one day kicking, throwing and running with an oval-shaped ball that turned out to be a freshly-severed head of an enemy soldier.

Regardless of its origin, the sport of football had its intercollegiate introduction in the United States on November 6, 1869. It was on that historic date that Rutgers and Princeton engaged in the first of a three-game series, the result, no less, of a challenge from Rutgers. It seems that Princeton, the challengee, had inflicted a 40-2 baseball defeat upon Rutgers on May 5, 1886. Granted, three years is a long time to carry a grudge, but it must be understood that the men of Nassau Hall (the official name "Princeton" was still 27 years away) and the male students at Rutgers were very arch rivals.

The men of Princeton, true to the college spirit of the day, accepted the challenge. Whereupon, correspondence and other preliminaries followed concerning the rules and mechanics of the series. The only point of debate was in regard to the "free kick." Princeton players were accustomed to being granted an unobstructed free kick at the opponent's goal if they had succeeded in catching the ball on the fly or the first bounce. Rutgers, on the other hand, had no such play. The compromise: there would be no free kicks in games played at New Brunswick, but they would be permitted at Princeton.

With certain exceptions, including permission for the players to bat the ball with their hands or fists and occasional dribbling of the ball, the rules decided upon gave a striking image to mass soccer. However, it was called football at the time. It could just as easily have been

called primitive soccer, but historians have labeled it primitive football.

At any rate, it was agreed that the game was to be played on a field 360 feet long and 225 feet wide. The goals, marked by posts, would be 24 feet wide. Each side would have 25 players. There would be no throwing or running with the round, inflated rubber ball; only kicking and dribbling. There would be no holding of the ball for free kicks. There would be no tripping or holding opposing players. One coin toss would decide the choice of goals; another toss would decide who would have the first kick. Other rules governing out-of-bounds kicks and missed goal attempts were also inserted. And there would be six officials.

Spirit ran high on both campuses as the game date neared. The arrival of the Big Day brought a rising pitch of excitement. One newspaper later reported: "Despite the primitiveness of the occasion, the jerky little train that steamed out of Princeton at 9 o'clock on that memorable morning was crowded to the aisles and platforms with a freight of eager students. Rutgers accordingly met their visitors at the station in a mass and devoted the day exclusively to their hearty entertainment."

Asked to describe The Game at a 1934 meeting of the newly formed Touchdown Club of New York, John W. Herbert, the lone surviving player of that first game, gave a vivid description of events. "At 3 p.m., shortly after the kick-off, the opposing players arrived on the field, discarded their hats, coats and vests, and, making a belt of their suspenders, proceeded to rush into battle. The men of Rutgers wore red stocking caps.

"Within the first five minutes, Stephen C. Gano and George R. Dixon combined to score the first goal for Rutgers. Combat grew fierce. 'Big Mike' Michael, a giant, put some teeth into the Princeton attack and roughed up the Rutgers defenders plenty. But Rutgers had it when they needed it and were leading, six goals to four, when the game came to a crashing end."

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THE OTHER FALL SPORTS

by Joe Gilmartin, Phoenix GAZETTE



The first NCAA soccer tournament was held in 1959.

Football is undeniably the name of the game in colleges across the country from early September through early December. But the grid-ders are not the only Boys of Fall.

It only seems that way.

While football does cast a very long shadow across autumn on campus, there are other sports managing to find a place in the sun. A small place, perhaps, but a place.

Officially, the National Collegiate Athletic Association conducts championships in only three fall sports—cross country, soccer and water polo. But unofficially, there is a variety of competition at the club level in a variety of sports that run the gamut from A as in archery to Z as in zeppelin racing.

Depending on such variables as geography, terrain, and weather, there is fall activity in rugby, ice hockey, softball, flag football, bowling, lacrosse, frisbee, and whatnot.

At this point, you're probably saying you can accept whatnot, but zeppelin racing? Well, yes. Sort of. It hasn't quite reached the club level yet, but a fraternity at Slippery Rock (where else?) does sponsor zeppelin races, although admit-

tedly the emphasis is more on tongue-in-cheek than ship-in-air.

Some of the sports mentioned above are not, strictly speaking, fall sports. Hockey, for instance, belongs to winter, and the NCAA conducts its lacrosse championships in the spring.

But this merely leads us to one of the major fall athletic activities—getting ready for winter and spring.

Many of the schools even have a flourishing, if unofficial, baseball program. NCAA champion Arizona State University, for instance, plays a 30-game fall schedule. Or, to put it more precisely, conducts 30 game-condition scrimmages as tryouts for walkons and various other hopefuls.

There is no admission charge, and no official score is kept, so the games do not count against any conference and NCAA schedule limitations.

But a game is a game is a game.

However, we digress. The official fall sports, water polo and cross country, are having tough sledding nationally. (And not just because of a lack of snow.)

Cross country, of course, is not really a separate sport, but a spinoff of track. And it does not really televise well. As for



Water polo has been dominated, not surprisingly, by West Coast schools.

water polo and soccer, they have in recent years tended to become segregated sports, creating a geographical imbalance that may have to be corrected by busing splashers and kickers from the West Coast to the rest of the country.

All 12 NCAA championships in water polo have been won by California schools—California four, Stanford and UCLA three each, and UC-Santa Barbara and UC-Irvine one each.

And the University of San Francisco has replaced St. Louis University as the perennial NCAA soccer champion.

Michigan State is the cross-country leader with eight NCAA titles, but the Spartans haven't won since 1959, and foreign legions from Texas and Oregon have dominated the last decade.

What kind of budgets do these minor sports have to work with, and how do they cope with a lack of recognition in their battle for a piece of a decreasingly smaller pie?

Pete Cutino, who has been coaching

continued

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water polo at the University of California for 18 years, has won four NCAA titles, and twice been named NCAA Coach of the Year. He makes do with five full scholarships (the legal limit) and a recruiting budget of about \$1,500 a year.

Football coaches spend more than that on shoelaces, of course. But Cutino isn't complaining. At least not very much.

"We have a tough problem with the word 'minor,'" he admits, "because at Cal we treat ourselves as a major sport and go at it that way. I even have a small problem with 'non-revenue sport'. We think of our program as an Olympic sport."

The number of Pac-10 schools competing in water polo at the varsity level dwindled to four last year when the University of Arizona, citing inflation and related economic woes, pulled the plug on its program.

Water polo is such a limited-participation sport nationwide (53 varsity programs and perhaps 60 club programs) that all the schools are grouped in one division, although only 33 are Division I schools.

"Actually," says Cutino, "water polo is one of the cheapest sports, assuming of course you already have a pool."

California domination of the water polo scene is not terribly surprising. "Several hundred high schools and junior colleges in our state have varsity water polo programs," says Cutino, "so we don't have to look very far for our talent. In fact, last year, 34 of our 35 players were home grown. There are also pretty good high school water polo programs in Texas and in the Chicago area."

Cutino also notes that his sport has few of the academic problems associated with some of the big sports. "For some reason or other," he says, "water polo players seem to be academically talented."

The Bears average in the neighborhood of 1,500 fans for most of their

meets, but attract turnaway crowds (2,700) for splashouts against archrival Stanford and other top attractions.

As for soccer, St. Louis almost completely dominated the early years (the first NCAA tournament was held in 1959), and still leads in overall titles with 10.

But Coach Steve Negoesco's Dons have won four of the last six titles (although the 1978 title was vacated because of an ineligible player). In 19 years at USE, Negoesco has won five NCAA titles, and never had a losing season, but success hasn't been all sweetness for Steve—who would probably win coach-they-least-like-to-see-succeed honors if his peers were polled, by a landslide.

Steve is faulted by some for heavy reliance on foreign players. More than half the players on his last championship team were foreign-born, including six from Norway, which sent Eric Neilsen, NCAA Most Valuable Player, and Bjorn Tronstad, leading scorer in the nation two years ago as a freshman, to the Bay Area school.

Soccer, as you might suspect, is definitely not considered a minor sport at the University of San Francisco, although here again, football and basketball at most schools spill far more than soccer spends.

Negoesco operates within an NCAA limit of 11 full scholarships, which are spread among 15 or 16 players. And his recruiting budget is only about \$2,000 a year. (Many of the Norwegian players are recruited by word-of-mouth from countrymen and/or relatives who preceded them to USE.)

Soccer players need, among other things, plenty of stamina. In fact, soccer fans need a little stamina, too.

The basketball folks make a big deal out of double overtime, and the football folks don't allow any overtime. But a 1959 semifinal game between Bridgeport and West Chester State had 10 overtimes!

PS.—Bridgeport won, 2-1.

Cross country is one of only three fall sports in which the NCAA conducts official championships.



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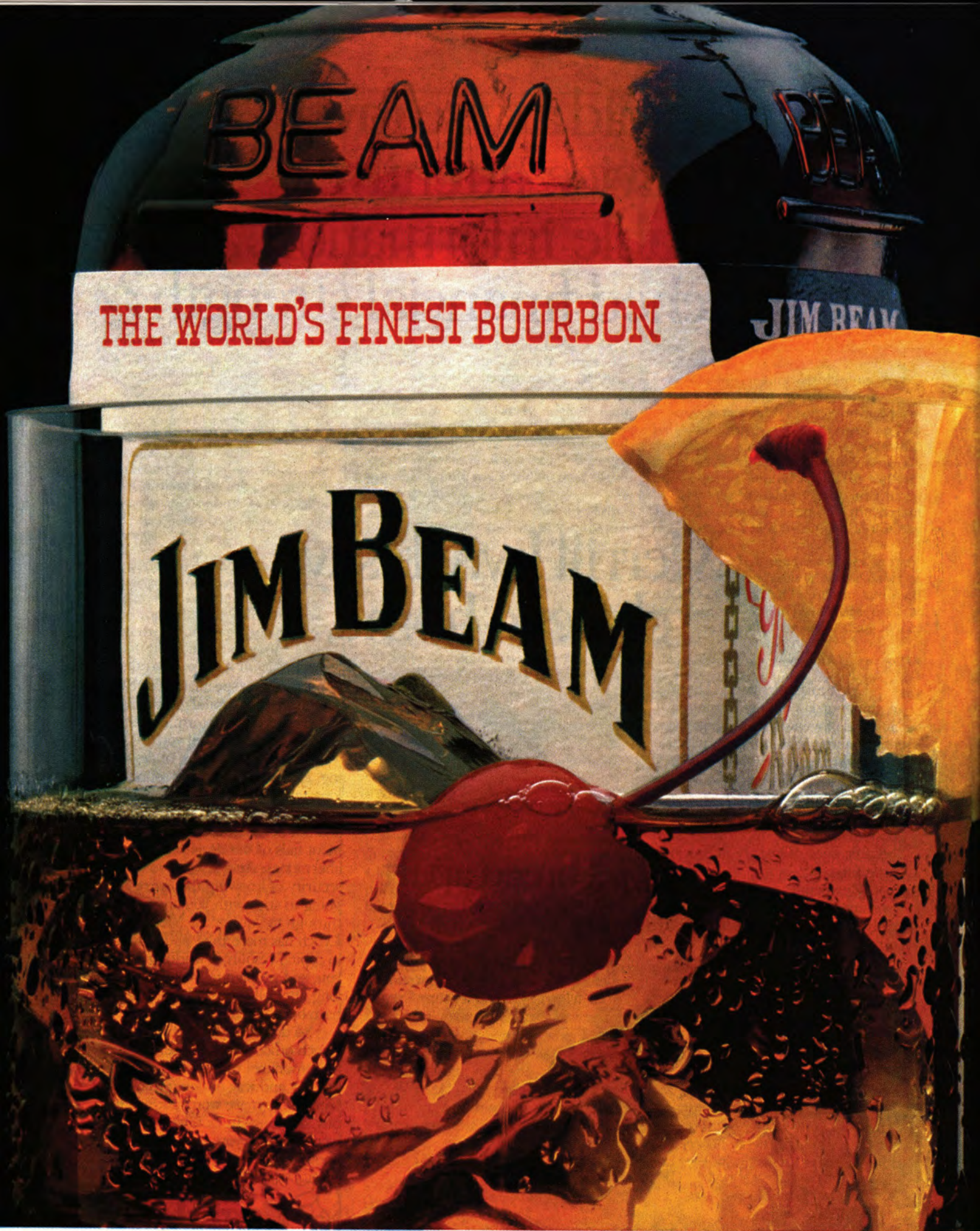
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East St. Louis, Illinois



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Coach - Al Fracassa
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Doug Fischer

Engineering
Coach - Lowell Klinefelter
Canton, Ohio



Doran Geise

Landscape Architecture
Coach - Phil Johnson
Ames, Iowa



Alex Giffords

Hotel - Restaurant Management
Coach - Oliver Mayfield
Tucson, Arizona



Rocky Gillis

Industrial Administration
Coach - Donnell Sanders
Pompano Beach, Florida



Dwayne Gilyard

Hotel-Restaurant Management
Coach - Roy Miller
Jersey City, N.J.



Kelly Goodburn

Physical Education
Coach - Jim Crow
Correctionville, Iowa



King Green

Industrial Education
Coach - Mike Uspensky
Opalocka, Florida



Tony Greene

Hotel-Restaurant Management
Coach - Bob Jones
Detroit, Mich.



Todd Hedgespeth

Science & Humanities
Coach - Fritz Harms
Princeton, Illinois



Darryl Hobson

Industrial Administration
Coach - Troy Hodges
Kansas City, Kansas



Alan Hood

Industrial Education
St. Louis, Missouri



Dave Holley

Hotel - Restaurant Management
Coach - Tony Russell
Pompano Beach, Florida



Rodney Hutchins

Industrial Education
Coach - Mike Monken
Joliet, Illinois



Tim Iversen

Science & Humanities
Coach - Phil Karpuk
Sioux City, Iowa



Joe Johanns

Science & Humanities
Coach - Mike Woodley
Osage, Iowa



Mike Jensen

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Coach - Ray Sewalt
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IOWA STATE CYCLONES



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Elementary Education
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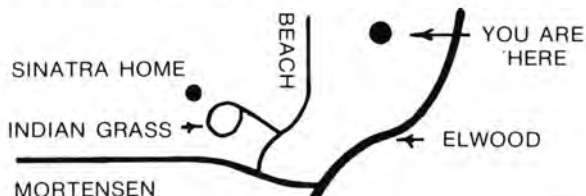


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New Richland, Minnesota



Dan Johnson
Industrial Education
Coach - Bob Sullivan
Crystal, Minnesota



Dwayne Johnson
Industrial Administration
Coach - Frank Hanel
Omaha, Nebraska



James Key
Communications
Coach - Maurice Collins
Washington, D.C.



Jim Knuth
Communications
Coach - Gary Swenson
State Center, Iowa



Jeff Lambert
Engineering
Coach - Terry Stevens
Sioux City, Iowa



Jim Laska
Biomedical Engineering
Coach - Tom Taraska
Franklin, Wisconsin



Frankie Leaks
General Studies
Coach - Perry Burnham
Memphis, Tennessee



Mark Lichtenberg
Physical Education
Coach - Jim Taylor
Schaller, Iowa



Steve Little
Marketing
Coach - William Sissel
Peoria, Illinois



Jerry Lorenzen
Agriculture
Coach - Denny Booth
Reinbeck, Iowa



Jim Luebbers
Agriculture
Coach - Dennis Burton
Shell Rock, Iowa



Dan Martin
Industrial Administration
Coach - Bill Blakely
Williams Bay, Wisconsin



Billy McCue
Business
Coach - John Wren
Aurora, Illinois



Shamus McDonough
Industrial Administration
Coach - Vince Hurley
Corning, Iowa



Jim Meyer
Engineering
Coach - Jim Davie
Wichita, Kansas



Ted Meyer
Architecture
Coach - Dan McClannahan
Humboldt, Iowa



Chuck Meyers
Engineering
Coach - Tom Jaworski
Omaha, Nebraska

CYCLES OF A TRADITION - HOMECOMING 1981



Row 1: Tom Fischer, Diana Martin, Julie Ackerson, Beth Rekett, Martha Hunter, Karen Albertson, Lori McDougall and Craig Ringstad. Row 2: Carol Ervin, Randy Maakestad, Lisa Feeken, Gina Selk, Cathy Sealock and Deb Sobottka. Row 3: Doug Perentis, Dave Trees, Dave Kaufman and Todd Leland.

WELCOME!

The Homecoming Central Committee would like to welcome all the returning alumni and extend a special welcome to the reunion classes of 1941, '46, '51, '56, '61, '66 and '71. We also welcome the veterinary medicine, cheerleader, Cy, Pom Pon and marching band alumni.

This weekend is especially for YOU, and several events have been planned to honor the continuing support from our alumni that helps ISU carry on its fine traditions. We invite you to participate and join us in the celebration!

POST-GAME COFFEE

The Alumni Association invites you to have free coffee, donuts and cider or cash bar in the Scheman Building lobbies immediately following the game.

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CAREER AWARENESS COMMITTEE

Consistent with the motto of the Student Alumni Association itself, the Career Awareness Committee is designed to facilitate "Students Helping Students - Past, Present, Future". To accomplish this task, the Career Awareness committee runs programs that help students become aware of the career opportunities that are available to them. The foremost of our programs is the Career Contacts File. The Career Contacts File was established to help Iowa State students get a better look at their chosen career fields. At present we have approximately 1500 alums, in over 40 occupations, who have expressed the desire to discuss their jobs, the rewards and frustrations involved, the working conditions, the courses they studied while they attended ISU, and many other job-related questions a student may have. This information gives ISU undergraduates a very important edge while preparing to enter the extremely competitive job market.

The search for more alumni in various occupational and geographical areas is an extensive and ongoing process. Any Alumni contact, at any time, is greatly appreciated. If you are interested in participating in the Career Contacts program, which helps to maintain the excellent academic reputation of ISU, please send your name, address, phone number, occupation, and name of employer to: Career Awareness, Alumni Suite, Memorial Union, Ames, Iowa 50011. Or call Mark Fuchs, Student Alumni Association, Alumni Suite, Memorial Union, 515-294-8488.

Thank you, your participation will be greatly appreciated.

IOWA STATE CYCLONES



Rich Miller

Industrial Administration
Coach - Denny Frerichs
Urbandale, Iowa



Barry Moore

Engineering
Coach - Ron Davis
Quincy, Illinois



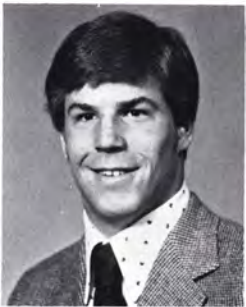
Benn Musgrave

Communications
Coach - John Laughhunn
Missouri Valley, Iowa



Brian Neal

Speech
Coach - Jim Williams
West Des Moines, Iowa



Karl Nelson

Industrial Engineering
Coach - Dick Russell
DeKalb, Illinois



Scott Nelson

Engineering
Coach - Roger Wistercill
Almena, Wisconsin



Jay Niemann

Education
Coach - Jim Wharton
Avoca, Iowa



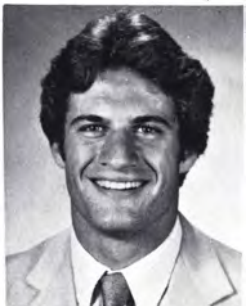
Brian Nunez

Industrial Administration
Coach - Dan Stanley
Kansas City, Missouri



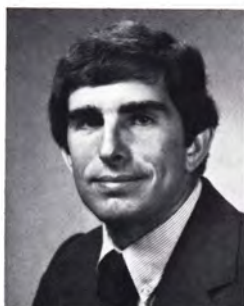
Ronnie Osborne

Leisure Services
Coach - Antoine Russell
Pahokee, Florida



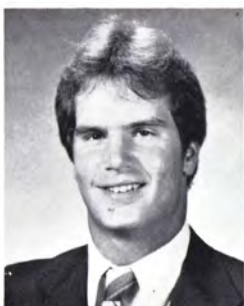
Mark Perry

Business
Coach - Sam Brown
Grandview, Missouri



John Quinn

Industrial Administration
Coach - Jim Williams & Jim Jorgenson
West Des Moines, Iowa



Rob Radosevich

Industrial Administration
Coach - Dave Clements
Ottumwa, Iowa



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Physical Education
Coach - Bill Waddell
Riviera Beach, Florida



Ned Rasmussen

Industrial Education
Coach - Robert Schmidt
Park Ridge, Illinois



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Industrial Education
Coach - Bob Pattee
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Coach - Frank Hanel
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Coach - Tom Mitchell
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Ernie Thomas

Physical Education
Omaha, Nebraska



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Industrial Administration
Coach - Mel Knotts
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Coach - Ken Hockman
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Leisure Services
Coach - Mike Currence
Massillon, Ohio



Doug Van Sloten

Agricultural Business
Coach - Jerry Miller
Sioux Falls, South Dakota



Michael Wade

Industrial Education
Coach - Amos Jones
North Chicago, Illinois



George Walker

Elementary Education
Coach - Lonnie Williams
Chicago, Illinois



Roger Warne

Ag. Business
Coach - Robert Younger
Atlantic, Iowa



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Computer Science
Coach - J.W. Smith
Chicago, Illinois



Thaddeus Watkins

Industrial Education
Coach - Lonnie Williams
Chicago, Illinois



Bruce Westemeyer

Business
Coach - Larry Johnson
Geneseo, Illinois



Lester Williams

Industrial Education
Coach - Jack Fisk
Cedar Rapids, Iowa



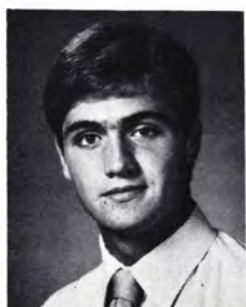
Scott Williams

Humanities & Sciences
Coach - Bob Nizzi
Urbandale, Iowa



Wes Winnekins

Forestry
Coach - Erv Olson
Freeport, Illinois



Jeff Wodka

Speech
Coach - Bob Nizzi
West Des Moines, Iowa

Deane Gunderson is Cy's Favorite Alum



In 1939 and 1940 Iowa State awarded two degrees--one in agricultural engineering and a second in mechanical engineering --to Deane C. Gunderson. Little did the university realize that quite possibly they had also graduated a "budding" young artist.

Because Deane's wife, Marion, herself a Iowa State applied art graduate wanted him to do some welded sculpturing, Iowa State's football stadium has proudly sported a "second" Cy, permanently mounted in the north end zone area since 1975.

And because of his many contributions to Iowa State University, Deane Gunderson of Rolfe, IA, is honored today as Cy's Favorite Alum for 1981.

Cy's Favorite Alum is an annual honor bestowed upon a former Iowa State student who has made outstanding contributions to the University in general and the Department of Intercollegiate Athletics in particular. Deane Gunderson is a logical choice.

The Gundersons have six children, all of whom are Iowa Staters. With long-time participation in the Cardinal Club of the National Cyclone Club, as well as a special interest in the women's athletic program, Deane has never been too far from the field of competition. In addition, both Deane and Marion received the prestigious Alumni Recognition Medal in 1980 and Deane has also served on the Board of Governors of the ISU Foundation. The Gundersons are life members of the ISU Alumni Association and ISU's Order of the Knoll.

Added to his Iowa State interests (and a full-time farm career), Deane is treasurer of the Iowa Association of School Boards and active with the Republican Party and

many other civic and church activities.

While his various contributions have always been helpful, it is his Cy sculpture that is his most visible gift. It was completed only after careful measuring, 200 hours of work and a total of six months time. The 13 foot tall mascot was unveiled before the Parent's Day crowd in October, 1975.

On the surface, it is the welding that holds the big Cy together; but, under the bright Cardinal coat, one man's love for his university is the real bond.

Congratulations Deane Gunderson, Cy's Favorite Alum for 1981. Iowa State salutes you.





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Code of Officials' Signals



NOTE: Signals number 15, 16, 17, 24, 25 and 26 are for future expansion

1981 Iowa State Football Roster

CYCLONES

No.	Name	Pos.	Hgt.	Wgt.	Age	Class	Hometown
1	*Roger Warne	KS	6-1½	201	21	Sr.	Atlantic
2	Kelly Goodburn	KS	6-2	197	19	So.	Correctionville (Eastwood)
3	**Rich Miller	KS	5-11½	204	21	Sr.	Urbandale
4	Frankie Leaks	WR	5-11	160	20	Jr.	Memphis, Tenn
5	Terron Rogers	CB	6-0½	196	21	Sr.	Chicago, Ill. (Vocational)
6	Alan Hood	QB	6-1½	180	18	Fr.	St. Louis, Mo. (Sumner)
7	David Holley	WR	5-10	147	18	Fr.	Pompano Beach, Fla.
8	**Rocky Gillis	WR	5-8½	182	20	Jr.	Pompano Beach, Fla.
9	Ernie Thomas	WR	6-0	183	21	Jr.	Omaha, Neb. (Northwest)
9	Marc Bachrodt	KS	5-8	145	18	Fr.	Rockford, Ill. (Boylan)
10	**Alex Giffords	KS	5-8	162	20	Jr.	Tucson, Ariz.
11	Scott Williams	QB	6-2	185	19	So.	Urbandale (Dowling)
13	Brian Nunez	QB	6-1½	198	19	So.	Kansas City, Mo. (Winnertonka)
14	Ted Meyer	QB	6-0	183	19	So.	Humboldt
15	Jon English	QB	6-4	198	21	So.	Birmingham, Mich. (Brother Rice)
16	**Ronnie Osborne	FS	5-9½	176	20	Jr.	Pahokee, Fla.
17	**Darryl Hobson	WR	6-0½	187	20	Jr.	Kansas City, Kans. (Harmon)
18	***John Quinn	QB	6-0	188	22	Sr.	West Des Moines (Dowling)
19	***Joe Brown	CB	5-11½	174	21	Sr.	Pahokee, Fla.
20	**John Arnaud	SS	5-11	176	20	Jr.	Sioux City (North)
21	*Lamar Summers	WR	6-0½	193	21	Jr.	Chicago, Ill. (Rice)
22	Tommy Davis	RB	5-7½	179	18	Fr.	East St. Louis, Ill. (Assumption)
23	Kent Anderson	WR	6-0½	176	18	Fr.	Bloomfield (Davis County)
24	**Jim Knuth	WR	6-5½	232	20	Jr.	State Center (W. Marshall)
25	*Tony Carlson	SS	5-10½	183	19	So.	Roland-Story
26	Darren Longshore	CB	6-1	182	20	Jr.	Massillon, Ohio
27	***Tom Roach	RB	6-0	217	22	Sr.	Rock Rapids (Central Lyon)
28	***Vinny Cerrato	WR	6-0	192	22	Sr.	Albert Lea, Minn.
29	**Jeff Stallworth	SS	5-9	162	21	Jr.	Omaha, Neb. (Central)
31	Paul Turner	FS	6-1	162	19	Fr.	Massillon, Ohio
32	**Jerry Lorenzen	RB	6-2	206	20	Jr.	Reinbeck
33	Kirk Thomas	RB	5-10	190	18	Fr.	Springfield, Ill. (Southeast)
34	*Michael Ingram	RB	5-10	203	19	So.	Chicago, Ill. (King)
35	Mark Perry	RB	6-1½	198	18	Fr.	Grandview, Mo.
36	*Kevin Coughlin	FS	6-1	189	22	Sr.	Waterloo (Columbus)
37	Billy McCue	CB	5-10	176	18	Fr.	Aurora, Ill. (East)
38	King Green	RB	5-11	190	18	Fr.	Opalocka, Fla.
39	Ron Crider	WR	6-0	167	19	So.	Indianola
39	Dwayne Johnson	SS	5-11½	171	20	So.	Omaha, Neb. (Northwest)
40	Dwayne Gilyard	LB	6-1	220	20	So.	Jersey City, N.J.
41	Bill Cooper	WR	5-10	179	19	So.	Merriam, Kans. (Northwest)
42	Joe Johannis	DB	6-0½	183	18	Fr.	Osage
43	Tim Iversen	LB	6-2	198	18	Fr.	Sioux City (Heelan)
44	Jim Laska	FS	6-2	191	19	Fr.	Franklin, Wis.
45	*Dwayne Crutchfield	RB	6-1	246	21	Sr.	Cincinnati, Ohio
46	*Michael Wade	RB	5-10	183	19	So.	North Chicago, Ill.
47	Tony Greene	RB	6-2	236	21	Jr.	Detroit, Mich. (Kettering)
48	*Joel Jensen	LB	6-2	233	21	Jr.	Armstrong
49	Robert Coffey	DB	5-10	172	18	Fr.	St. Louis, Mo. (Sumner)
50	Brad Abbas	C	6-2	252	19	So.	Hampton
51	Mike Shindelar	OT	6-3½	254	19	So.	Hudson
52	Doug Van Sloten	LB	6-3½	217	18	Fr.	Sioux Falls, S.D. (Lincoln)
53	**Shamus McDonough	DT	6-4	276	21	Jr.	Corning
54	*Chris Washington	LB	6-3	206	19	So.	Chicago, Ill. (Julian)
55	Lester Williams	DE	5-11	216	18	Fr.	Cedar Rapids (Jefferson)
56	**Jim Meyer	C	6-2	244	20	Jr.	Wichita, Kans. (Southeast)
57	*Ned Rasmussen	OT	6-5	252	21	Jr.	Park Ridge, Ill. (Maine South)
58	*Chuck Meyers	C	6-1½	248	20	Jr.	Omaha, Neb.
59	Jeff Lambert	OT	6-5	206	18	Fr.	Sioux City (East)
60	Mark Lichtenberg	OT	6-3	263	19	So.	Schaller
61	*Doug Fischer	LB	5-11	213	19	So.	Massillon, Ohio
62	Rob Radosevich	DT	6-4	248	18	Fr.	Ottumwa
63	Wes Winnekins	OG	6-3	230	19	So.	Freepport, Ill.
64	*Ted Clapper	OG	6-5	274	21	Jr.	Ankeny
65	Kevin Eggleston	OT	6-7	320	18	Fr.	Memphis, Mo. (Scotland Co.)
66	*Mike Jensen	OG	6-3	266	21	Sr.	Manhattan, Kans.
67	*Benn Musgrave	OT	6-6	268	19	So.	Missouri Valley
68	*Walt Schneider	OG	6-2	247	21	Sr.	Wilmington, Ill.
69	*Karl Nelson	OT	6-6	262	21	Jr.	DeKalb, Ill.
70	James Key	DE	6-1½	235	21	Jr.	Washington, D.C. (Carroll)
71	Dan Martin	OT	6-4½	270	20	So.	Williams Bay, Wis.
72	*Bruce Reimers	OG	6-7	278	20	So.	Humboldt
73	Steve Little	DT	6-3½	271	19	Fr.	Peoria, Ill. (Woodruff)
74	Scott Nelson	OT	6-4	254	20	So.	Almena, Wis. (Cumberland)
75	Bruce Westemeyer	OT	6-6	246	18	Fr.	Geneseo, Ill. (Lincoln)
76	**Brian Neal	OG	6-2	267	22	Sr.	West Des Moines (Dowling)
77	*Thaddeus Watkins	DT	6-3	248	19	So.	Chicago, Ill. (King)
78	*Chris Boskey	DE	6-3	240	21	Jr.	Riverdale, Ill. (DeSales)
79	Mike Roberts	OT	6-4	259	18	Fr.	Eldon (Cardinal)
80	Jim Luehbers	LB	6-4½	209	18	Fr.	Waverly-Shell Rock
82	Dave Smoldt	DE	6-3	233	19	So.	Grundy Center
83	Jeff Wodka	TE	6-4½	208	18	Fr.	Des Moines (Dowling)
84	Doug Allen	TE	6-5½	225	19	So.	Urbandale
85	*George Jensen	LB	6-1½	215	20	Jr.	New Richland, Minn.
86	*Brett Blaney	TE	6-5	228	19	So.	Prospect Heights, Ill. (Hersey)
87	Doran Geise	TE	6-5	230	21	Jr.	Ames
88	*Dan Johnson	TE	6-3½	240	21	Sr.	Crystal, Minn.
89	*George Walker	WR	6-3	200	19	So.	Chicago, Ill. (King)
90	*Ron Troyan	LB	6-1	214	21	Jr.	Loveland, Ohio
91	Barry Moore	DE	6-4	238	18	Fr.	Quincy, Ill. (Notre Dame)
92	**James Ransom	DE	6-1½	222	20	Jr.	Riviera Beach, Fla.
93	*Mark Carlson	LB	6-1	225	21	Jr.	Lytton
94	Ralph Conner	DE	6-2½	202	18	Fr.	Kansas City, Mo. (Hickman Mills)
95	Todd Hedgespeth	LB	6-3	227	18	Fr.	Princeton, Ill.
96	*Rodney Hutchins	DE	6-2	204	21	Jr.	Joliet, Ill. (East)
97	Tom Ackerson	OT	6-4½	221	18	Fr.	Bettendorf
98	Jay Niemann	LB	6-0	217	20	Jr.	Avoca (Avo-Ha)
99	*Marc Butts	DT	6-2	268	21	Sr.	Des Moines (North)

*Letters earned

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CHEVY CAVALIER **THE ESCAPE HATCH**



Escape to where you long to be.

Here's the kind of engineering designed to take you miles away from the middle of the road. The 1982 Cavalier Hatchback. A brand-new car that owes its creation to innovation. Not imitation.

Escape with the goods.

Reclining front seats, power brakes, side and rear window defoggers and a remote hatch release (quite a remote feature on ordinary hatchbacks) combine with 38 other standard features to make the '82 Cavalier the most complete new car we've ever introduced.

On the technical side, innovations in front-wheel drive, aerodynamic design and operating efficiency help add

up to 43 Est. Highway/26 EPA Est. MPG.* And engine buffs will be interested to know Cavalier's standard 1.8 Liter, 4-cylinder engine actually delivers more horsepower per liter than some highly regarded V8s.

Plan your escape now.

Your Chevy dealer can help put your escape plan in motion, starting with a test drive. Get inside. Drive it around the block. Then all that's left to do is to decide whether you want to buy or lease a new 1982 Cavalier. Whichever you choose, one thing's for sure:

You won't have any trouble at all adjusting to your new freedom.

*Use estimated MPG for comparisons. Your mileage may differ depending on speed, distance, weather. Actual highway mileage lower. Chevrolets are equipped with GM-built engines produced by various divisions. See your dealer for details.



You know who the winners are. They're the ones with smiles!

When Iowa State has the ball

IOWA STATE OFFENSE

88	Dan Johnson	TE
76	Brian Neal	LT
72	Bruce Reimers	LG
56	Jim Meyer	C
64	Ted Clapper	RG
69	Karl Nelson	RT
26	Vinny Gerardo	SE
18	John Quinn	QB
17	Darryl Hobson	FL
32	Jerry Lorenzen	FB
45	Dwayne Crutchfield	TB

MISSOURI DEFENSE

95	Taft Sales	LE
99	Randy Jostes	LT
56	Jerome Sally	NG
61	Jeff Gaylord	RT
39	Ken Judd	RE
94	David McNeel	WLB
48	Van Darrow	SLB
29	Demetrious Johnson	LC
6	Raymond Hairston	FS
18	Kevin Potter	SS
13	Steve Crapo	RC

THE CYCLONES

1	Ward, ks	38	Green, rb	72	Reimers, og
2	Goodburn, ks	39	Cridler, wr	73	Little, dt
3	Miller, ks	39	Johnson, ss	74	Nelson, ot
4	Leski, wr	40	Gilward, lb	75	Westmeyer, wr
5	Rogers, cb	41	Cooper, wr	76	Neal, og
6	Hood, qb	42	Johannis, dt	77	Watkins, dt
7	Holler, wr	43	Iversen, lb	78	Boats, dt
8	Gillis, wr	44	Laska, fs	79	Roberts, dt
9	Thomas, wr	45	Crutchfield, rb	80	Luebbers, lb
9	Bachrodt, ks	46	Wade, rb	81	Ackerson, ot
10	Giffords, ks	47	Greene, rb	82	Smoldt, dt
11	Williams, qb	48	Jenson, lb	83	Wood, dt
13	Nunez, qb	49	Coffey, dt	84	Allen, te
14	Meyer, qb	50	Abbas, c	85	Jessen, lb
15	English, lb	51	Shindler, ot	86	Blaney, te
16	Osborne, lb	52	Van Sloten, lb	87	Gense, te
17	Hobson, wr	53	McDonough, dt	88	Johnson, te
18	Quinn, qb	54	Washington, lb	89	Walker, wr
19	Brown, cb	55	Williams, dt	90	Troyan, lb
20	Arnauud, ss	56	Meyer, c	91	Moore, dt
21	Summers, wr	58	Rasmussen, ot	92	Ransom, dt
22	Davis, rb	59	Meyers, c	93	Carlson, lb
23	Anderson, wr	59	Lambert, ot	94	Conner, dt
24	Kruth, wr	60	Lichtenberg, ot	95	Hedgespeth, lb
25	Carlson, ss	61	Fischer, lb	96	Hutchins, dt
26	Longshore, cb	62	Radosovich, dt	97	Ackerson, ot
27	Roach, rb	63	Winnemski, ot	98	Niemann, lb
28	Cerrato, wr	64	Clapper, ot	99	Butts, dt
29	Stallworth, ss	65	Eggleston, ot		
31	Turner, fs	66	Jessen, og		
32	Lorenzen, rb	67	Musgrave, ot		
33	Thomas, rb	68	Schnitter, og		
34	Ingram, rb	69	Nelson, ot		
35	Perry, rb	70	Key, dt		
36	Coughlin, fs	71	Martin, ot		
37	McClure, cb				



When Missouri has the ball

MISSOURI OFFENSE

84	Andy Hill	SE
78	Andy Ekern	LT
62	John Milla	LG
55	Brad Edelman	C
67	Bernard Laster	RG
76	Conrad Goode	RT
82	Andy Gibler	TE
16	Mike Hyde	QB
20	Bob Meyer	RB
45	Bill White	FB
82	James Cavel	RL

IOWA STATE DEFENSE

78	Chris Boskey	LE
53	Shamus McDonough	LT
99	Marc Butts	RT
92	James Ransom	RE
85	George Jessen	SLB
54	Chris Washington	MLB
61	Doug Fischer	WLB
19	Joe Brown	WC
20	John Arnauud	SS
16	Ronnie Osborne	FS
26	Darren Longshore	SC

THE TIGERS -ES

1	Lucchesi, k	39	Judd, lb	74	Kramer, og
3	O'Hearn, k/se	40	Snowden, rb	75	Crumbacher, dt
4	Balota, k	41	Caver, lb	76	Goode, ot
5	Perry, qb	43	Weiss, wr	77	Kulich, ot
6	Hariston, fs	45	White, rb	78	Ekern, ot
7	Holler, qb	46	Shortshore, rb	79	Evans, dt
8	Seitz, qb	47	Totich, ot/dt	81	Hemley, se
10	Opel, dt	48	Darrow, lb	82	Aver, se
12	Harris, ss	48	Hill, dt	83	Gibler, te
13	Crapo, ss	50	Blackburn, ot/dt	84	Hill, dt
15	Erickson, ss	51	Skilman, dt	85	Therford, te
16	Hyde, qb	53	Blackwell, ot	86	Davis, te
17	Thomas, se	53	Greenfield, c	87	White, se
18	Porter, ss	56	Brunk, c	88	Davis, se
19	Schmidt, p	55	Edelman, c	89	Wagner, fl
20	Meyer, rb	56	Sally, ng	90	Sims, lb
22	Brinson, p	57	Sheshman, dt	91	Fellows, dt
23	Smith, cb	58	Green, de	92	Smith, dt
24	Richards, rb	60	Krahl, og	94	McNeel, lb
26	Hawkins, fs	61	Gawford, dt	95	Sales, de
27	Hoffman, dt	62	Milla, og	96	Bell, de
28	Petok, ss	63	Jeffrey, og	97	Ponder, de
29	Johnson, cb	64	Anderson, og	99	Jostes, dt
30	Little, lb	66	Curry, ng		
31	Miller, rb	67	Laster, og		
32	Malvern, rb	69	Svezia, ot/dt		
33	Stinson, te	70	Downey, ot		
34	Wilson, wr	71	Kishmann, ot/dt		
35	Caruthers, rb	71	Jennings, og		
36	Mack, rb	72	Knipstah, ot/dt		
38	Macoubrie, sib	73	Shockley, ot		

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OFFICIALS: Referee: Dan Foley, Umpire: Frank Gaines, Head Linesman: Tom Ehler, Line Judge: John McArthur, Field Judge: Jerry Kleinsmith, Back Judge: Dan Upson.

The simple pleasures of driving a Honda Prelude. Starting from the top.



We think you'll agree, it's a real pleasure to look at.

But our sportiest Honda also sports the kind of features that make it a thrill to drive.

THE POWER-OPERATED MOONROOF. FOR OPENERS, IT'S STANDARD.

At the push of a button, the tinted-glass moonroof slides back. At the same time, an automatic deflector helps keep the wind out.

When you're behind the wheel, you'll be pleased at what you see in front of it. This year, the instrument panel houses a separate tachometer and speedometer, a quartz digital clock, a maintenance reminder and an electronic warning system.

Of course, the Prelude is just as much of a pleasure to sit in.

Its luxurious interior features comfortable bucket seats and adjustable headrests.

SOME SIMPLE ENGINEERING FACTS.

Our sportiest car has front-wheel drive, four-wheel independent suspension, rack and pinion steering and a responsive 1751cc CVCC® engine. The fact is, the Honda Prelude is designed to give you years of good performance.

POWER STEERING COMES AUTOMATICALLY WITH THE AUTOMATIC TRANSMISSION.

The 5-speed stick shift is standard. But with the optional automatic 3-speed, you also get variable-assist power steering.

And after you've weighed all your options, we hope you drive off in the Honda Prelude.

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We make it simple.



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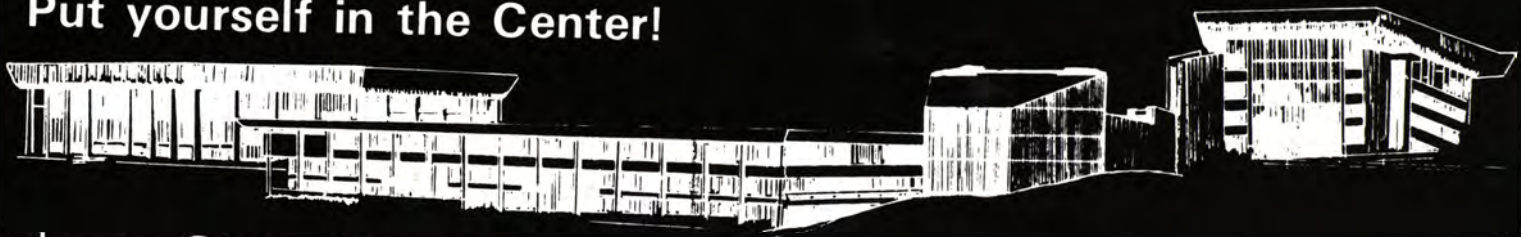
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 Dr. Micheal I. Newell

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No.	Name	Pos.	Ht.	Wt.	Hometown
1	Bob Lucchesi	K	5-11	175	So. Colorado Springs, CO(Air Academy)
3	Allan O'Hearn	K/SE	5-10	160	Jr. Kansas City (Park Hill)
4	Mike Balota	K	5-10	183	So. Creve Coeur (DeSmet)
5	Brad Perry	QB	6-2	195	So. Trenton
6	Raymond Hairston	FS	6-3	185	Jr. Springfield (Central)
7	Joe Holder	QB	6-2	205	So. Kansas City (O'Hara)
8	Warren Seitz	QB	6-4	200	Fr. Topeka, KS (West)
10	Brad Opel	DB	6-1	175	Fr. Edwardsville, IL
12	Forrest Harrel	SS	5-11	190	So. Wichita, KS(Kapaun Mt. Carmel)
13	*Steve Crapo	SS	5-11	185	Sr. Laguna Niquel, CA(Dana Hills)
15	Chris Erickson	SS	6-2	195	Fr. Kansas City (Park Hill)
16	Mike Hyde	QB	6-2	195	Jr. St. Louis (Lindbergh)
17	*Curtland Thomas	SE	6-0	185	So. St. Louis (Sumner)
18	**Kevin Potter	SS	5-10	183	Jr. St. Louis (Soldan)
19	Eric Schmidt	P	6-2	195	Jr. Mission Viego (Saddleback JC)
20	***Bobby Meyer	RB	5-10	195	Sr. Florissant (McCluer North)
22	Robert Brinser	P	6-0	190	So. Trenton
23	*Jeff Smith	CB	6-0	185	So. Kansas City, KS (Harmon)
24	*Mike Richards	RB	5-10	192	Jr. Jacksonville, IL
26	Reco Hawkins	FS	6-3½	180	So. Kirkwood
27	*Duncan Hoffman	DB	5-10	183	Jr. St. Louis (St. Louis U. High)
28	Leo Pelek	SS	6-1	180	Jr. Granite City, IL (G.C. North)
29	Demetrious Johnson	CB	6-0	185	Jr. St. Louis (McKinley)
30	Scott Little	DB	6-0	185	Fr. Scott City (Illmo-Scott City)
31	Mickey Miller	RB	6-1	180	Fr. Kansas City (Rockhurst)
32	Glenn Malvern	RB	6-0	195	Fr. Manchester (Parkway West)
33	Tom Stinson	TE	6-4	210	Fr. Morton, IL
34	Jay Wilson	WLB	6-3	210	So. Decatur, IL(Warrensburg)
35	Tom Carruthers	RB	5-10	205	So. Joliet, IL(Providence)
36	*Tracey Mack	RB	6-0	215	So. Rock Hill (Webster Groves)
38	Dave Macoubrie	SLB	6-2	207	So. Chillicothe
39	Ken Judd	LB	6-2	215	Jr. St. Louis
40	Wallace Snowden	RB	5-10	185	Fr. Hot Springs, AR(Air Academy)
41	Jerome Caver	LB	6-2	204	Sr. Colorado Springs, CO(Air Academy)
43	Rex Weiss	WLB	6-2	204	So. St. James (John F. Hodge)
45	*Bill White	RB	5-10	197	Sr. Rock Hill (Webster Groves)
46	*George Shorthose	RB	6-0	200	So. Jefferson City
47	Bob Totsch	OT/DT	6-3	208	Fr. Belleville, IL(Althoff Catholic)
48	**Van Darkow	LB	6-1	205	Sr. Columbia (Rock Bridge)
49	Rod Davis	SE	6-0	180	Jr. Lathrop
50	Dave Blackburn	OT/DT	6-3	240	Fr. Columbia (Hickman)
51	*Rod Skillman	DT	6-3	253	Jr. Dalton (Keytesville)
53	Eli Blackwell	NG	6-1	230	So. St. Louis (Central)
53	Phil Greenfield	C	6-0	232	Fr. St. Louis (Parkway Central)
54	Tony Bruns	C	6-2	220	So. Danville, IL
55	***Brad Edelman	C	6-6	255	Sr. Creve Coeur (Parkway North)
56	*Jerome Sally	NG	6-3	247	Sr. Maywood, IL(Proviso East)
57	Lee Stephenson	DT	6-0	250	Jr. Mission Valley, KS (Butler JC)
58	Stan Green	DE	6-2	225	Jr. Jefferson City
60	Greg Krah	OG	6-4	225	So. St. Louis (Rosary)
61	*Jeff Gaylord	DT	6-3	235	Sr. Overland Park, KS(SM South)
62	*John Milla	OG	6-1	230	Sr. St. Louis (Lindbergh)
63	Jerry Jeffrey	OG	6-3	240	So. Moberly
64	*Tom Anderson	OG	6-3½	240	Sr. St. Louis (Lindbergh)
66	Robert Curry	NG	6-2	255	So. Arlington, TX (Sam Houston)
67	*Bernard Laster	OG	6-2	240	So. Marshall
69	Joe Svezia	OT/DT	6-3	248	Fr. St. Louis (Lindbergh)
70	Denis Downey	OT	6-6	260	Jr. Stewartsville (Plattsburg R-3)
71	Rick Klohmann	OT/DT	6-6	245	Fr. Ballwin (Parkway West)
71	Troy Jennings	OG	6-2	248	Sr. Stanberry
72	Dave Kniptash	OT/DT	6-5	255	Fr. Chesterfield (Parkway West)
73	Scott Shockley	OT	6-5	255	So. St. Peters (Fort Zumwalt)
74	Jack Kramer	OG	6-1	228	So. St. Louis (Webster Groves)
75	Chuck Crumbacher	DT	6-7	265	So. Alton, IL
76	*Conrad Goode	OT	6-7	255	So. Chesterfield (Parkway Cent.)
77	Jim Kulich	OT	6-5	255	Jr. Berwyn, IL (Morton West)
78	*Andy Ekern	OT	6-6	248	Jr. Mexico
79	Craig Evans	DT	6-4	235	So. Lebanon
81	Bob Hemsley	SE	6-1	208	Sr. Washington, DC(Calvin Coolidge)
82	James Aver	SE	5-11	170	Jr. Waynesville
83	**Andy Gible	TE	6-4	230	Jr. Grandview
84	*Andy Hill	FL	5-9	165	So. Trenton
85	Pat Thetford	TE	6-5	200	Fr. Kansas City (Park Hill)
86	*Duane Davis	TE	6-2	225	Jr. Rancho Palos Verde, CA(Rolling Hills)
87	*Craig White	SE	6-2	187	So. Lawrence, KS
88	Tony Davis	SE	6-4	215	Fr. Colorado Springs, CO(Air Academy)
89	**Wagner, Lee	FL	6-4½	210	Sr. Wilmette, IL (Air Academy)
90	Eric Sims	LB	6-3½	200	Fr. Maywood, IL (Proviso East)
91	Dion Fellows	DE	6-0	166	Jr. Kansas City, KS(Washington)
92	***Bennie Smith	Dt	6-3	250	Sr. East St. Louis, IL (East St. Louis)
94	David McNeel	LB	6-3	215	Sr. Greenfield
95	*Taft Sales	DE	6-2	209	So. Kansas City (Rockhurst)
96	Bobby Bell	DE	6-2	202	So. Lee's Summit
97	*Kendall Ponder	DE	6-2	205	Jr. Iberia
99	Randy Jostes	DT	6-5	225	Jr. Omaha

TIGERS

Put yourself in the Center!



Iowa State Center at Iowa State University, Ames

'They're Playing Our Song' Comes to Ames Tonight

Tom Mallow's national touring company of Neil Simon's hit Broadway musical comedy, "They're Playing Our Song," opens at C.Y. Stephens Auditorium in Ames tonight at 8 for three performances. Other performances are at 3 and 8 p.m., tomorrow, Sunday, Oct. 18.

Starring Richard Ryder and June Gable, the show is on a 60-week, 100-city tour.

"They're Playing Our Song" has an original book by the king of comedy, Neil Simon, with music by award-winning composer Marvin Hamlisch and lyrics by the popular writer, Carole Bayer Sager.

It's a story about a composer and a lyricist who collaborate not only on music but also on romance. But they have a difficult time making their lives as harmonious as their music.

"They're Playing Our Song" is Simon's 17th Broadway hit in a row and his fourth musical hit following "Little Me," "Sweet Charity," and "Promises, Promises." His roster of other hits has no equal in the history of Broadway and includes "Come Blow Your Horn," "Barefoot in the Park," "The Odd Couple," "The Star-Spangled Girl," "Plaza Suite," "The Last of Red Hot Lovers," "The Gingerbread Lady," "California Suite," "The Prisoner of Second Avenue," "God's Favorite," "The Good Doctor," "The Sunshine Boys," "Chapter Two" and "I Ought to be in Pictures."

Tickets have been on sale since Sept. 21, so patrons are advised to check the box office at 294-2436 for ticket availability.



Richard Ryder stars as Vernon Gersch, an Academy Award winning composer, and June Gable stars as Sonia Walsk, a witty, off-beat lyricist of contemporary pop songs, in the Neil Simon/Marvin Hamlisch/Carole Bayer Sager hit Broadway musical comedy, "They're Playing Our Song."

MISSOURI

TIGERS



Tom Anderson



Bobby Bell



Steve Crapo



Brad Edelman



Andy Ekern



Andy Gibler



Raymond Hairston



Andy Hill



Mike Hyde



Jim Kulich



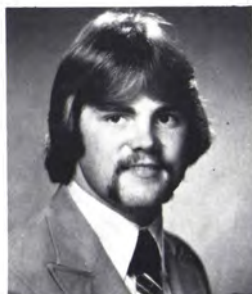
Bernard Laster



James Lockette



Tracey Mack



Bobby Meyer



John Milla



Kevin Potter



Taft Sales



Eric Schmidt



Bennie Smith



Rod Skillman



Curtland Thomas



Lee Wagner



We would like to thank and acknowledge the following runners of the Torchathon.

Mark Arnold
Sam Barrick
John Bauer
Arthur "Buzz" Blunk
Rick Bousquet
Mitch Darrow
Kim Doak

Mark Echtenkamp
Mary Erickson
Fred Fernatt (faculty)
Mark Freese
Robin Gagnov
Kathy Gates
Gisele Gowin

Lori Hamilton
Scott Kopecky
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Larry Miller
Doug Kwikkel
Police Depts. of Ames, Ankeny,
Des Moines, Oskaloosa, Ottumwa,
and Pella, IA and Columbia and
Kirksville, Missouri.

Plans for the first annual TORCHATHON were started last April by co-chairs Lynn Ward and Dave Soth. The TORCHATHON involved 27 runners from Iowa State Alumni, Faculty and Students. The run began at the University of Missouri, Columbia, Missouri at midnight Thursday, October 15. The torch was ignited by University of Missouri Student Body President Gail Snider. The runners then relayed the torch, at six-mile stretches, along the 262 mile route of highways 63, 163, and 69.

The reasons, or rather the goals, for the TORCHATHON are four-fold: (1) the run provides a new, original source of spirit for IOWA STATE UNIVER-

SITY, along with (2) a means for the alumni, the faculty, and the student body to become involved and to interact together, (3) to attract attention to Iowa State's Homecoming, while (4) forming a positive bond between ISU and other Big Eight schools.

Once again we would like to thank the above mentioned sponsors and supporters of the TORCHATHON and we'd like to ask you the fans, the pride of ISU, to greet the runners with a warm welcome as they enter the stadium.

Thank you,

Lynn Ward Dave Soth
TORCHATHON Co-Chairs

CYCLONES

'STOP TRAFFIC' IN '53

Abe Stuber was rated by his fellow coaches as one of the keenest tacticians in the business. He proved it even while coaching at Southeast Missouri State. Often the then Chicago Cardinals had Stuber in for their pre-season training camp setting up defenses. That experience, incidentally, eventually led to Stuber heading the Cardinal scouting system for many years.

Time after time the St. Joseph, Mo., native would manipulate his red, white and blue poker chips instead of the traditional X's and O's to bring victory to Iowa State.

One of these great wins had to be in 1953 when he upset his alma mater in a 13-6 homecoming victory over Missouri. That win produced a lot of things beside the sheer satisfaction of a victory.

It stopped transcontinental traffic, for one thing and brought about a change in the fruits of homecoming victories of the future and finally of just homecoming weekends, period.

The way the game was won, combined with the traffic stoppage, brought writers and photographers from that highly esteemed picture magazine, Life, to the campus.

Yes, it was an exciting weekend, the kind homecomers and students loved.

So, let's see what happened to cause all that excitement.

Missouri, with one of the nation's top defenses, was favored to win. The Tigers did not waste too much time showing off its defense and letting the fans at Clyde Williams Field know its offense wasn't too tacky, either.

Garye Milner intercepted Bill Plantan on the Missouri 45 and returned to the Cyclone 45. It took the Tigers six plays to get to the Cyclone 19-yard line. Then quarterback Tony Scardino spotted Jim Burson alone at the Cyclone five. Burson literally walked in from there.

Reminiscences by Harry G. Burrell

That was the end of Missouri's offense but its defense kept the Cyclones bottled up until the third period.

It was at this point that Stuber again displayed his coaching genius. Older fans will recall that in 1949 he had pulled a surprise at Illinois with a "new" offense. Lornie Paulson was a big, bruising and fast, left halfback for the Cyclones. His only trouble was his long legs needed more than the four yards for a good start that the T-formation afforded him. So Stuber had his backs shift into what the veteran observers would have recognized as the short punt formation with Paulson five yards back. That was the key to a 20-20 tie.

Press box pundits questioned Harry Burrell, the Cyclone sports information director, as to what the formation was called. "That's our TV formation" was the reply, based on the combination of the T and the V backfield formation.

For the Missouri game, Stuber had a variation of that formation, similar to the Dallas Cowboys' shot gun offense. This is the one that Stuber used to beat Missouri in 1953!

As the third period started the Cyclones found themselves in a bit of a spot. It was third and 13. Quarterback Bill Plantan pulled out from under the center and faded back as though to quick kick. The Missouri secondary fled goalward to protect

against the surprise of the kick. Plantan instead flipped pass to Dick Cox some 20 yards down field, a spot vacated by the retreating Tiger defenders.

Two play later Plantan again dropped back. Even though the Tigers were certain it would not be a kick they did drop back to protect against another pass. Plantan again hit Cox, this time with a clear path to the goal. Only problem was that Cox had to make a twisting, diving catch and fell to the ground at the Missouri five. The play was good for 27 yards.

Cox gained one yard, Plantan made three and on the next play went over for the touchdown. Plantan added the actual winning point with a placement and the Cyclones led, 7-6.

Missouri demonstrated why it was one of the nation's best defensive teams on the next two possessions. Bob Clark put a big rush on Scardino and the hurried pass was picked off by Max Burkett who returned 28 yards to the Missouri seven. Four plays later the Tigers took over on their own four.

On the next play quarterback Eaton faked a handoff and turned up field only to have Burkett blast into him and force a fumble. Rugged Bill Wilson covered that one on the nine. Missouri took it once again, this time at the one.

Eaton kicked out only to the Missouri 32 and insult was added to injury when the ball took a Cyclone bounce back to the Missouri 24!

This was scoring time!

Burkett and Gart Lutz got only five yards between them and so it was third and five at the 19. Plantan again "loaded" the shot gun and looped a 19-yard scoring pass to Lutz standing alone in the end zone.

That was not the end nor was it time for the Cyclones and their fans to relax. Tony Scardino, who had hit 23 of 42 passes against Oklahoma, was back in action. Everyone knew he would be filling the air with passes.

But the Cyclones rose to the occasion. It was here that Bob Clark, Jim Rawley, Bill Wilson, Ralph Brown, and Gean Kowalski kept knocking Scardino down or else Don Houser was knocking down the few passes the Tiger quarterback could get air borne.

Before the weekend was over the celebrating students marched through campus town to finally "camp out" at the intersection of Lincolnway and Beech. The city was replacing old sewer pipes so the students hauled enough of the new ones to block the intersection all four directions.

A huge bonfire was built in the middle of the "square" a four piece band played and replayed the Iowa State fight song. The students were not unruly but simply refused the invitation of the Ames police to "go home."

Since Lincolnway in those days was part of the coast-to-coast Highway 30, it was necessary eventually to detour traffic several miles south of Ames. This student rally brought Life magazine to the campus, brought a bit of a picture story about the upset victory and the blockage of Highway 30.

Even more, though it led eventually to the Friday-Monday holiday aspect of homecoming. President Hilton met with students later and gave them Monday morning off IF the team won at homecoming. This was not really fair or satisfactory so in a short time President Hilton said "Monday off" regardless.

But for most of the people in Ames it was not the Monday off or the blockade that made the weekend so memorable.

It was the sight of Bill Plantan back-peddalling Missouri into a defeat that lingered long and fondly in memory.

Today's special tribute recognizes Peg Neppel Darrah, whose world-class distance running brought national acclaim to the Iowa State women's track and cross country programs in the mid-70s.

Neppel began her career during the formative years of women's intercollegiate athletics, and her record-breaking performances were among the earliest brilliant indicators of the potential existing in women's sports.

It was mainly due to athletes like Peg that cross country became a championship sport for women. Iowa State hosted the first AIAW national meet in 1975 and Neppel was the runaway winner. She went on to compete for three U.S. national cross country squads.

But her greatest accomplishments came on the track. In 1976, she won AIAW national titles in the two- and three-mile runs, setting a world record in the latter. One year later, she broke world marks in the 5,000 and 10,000 meters. One might say Neppel was ahead of her time; she continues to hold four ISU distance records.

A recipient of bachelor's and master's degrees at Iowa State, she exhibited the finest qualities of a student-athlete. She currently is a doctoral student in animal science here.

Peg is still competing, today, but against a much tougher opponent than

Peg Neppel Darrah

- Still Competing



she ever faced on the track. Peg's current battle is against cancer. But her competitive spirit remains strong, as does the support from friends, family and the Iowa State community. Tomorrow, a Benefit Run will be held in Ames, with all proceeds to be donated to the Peg Neppel Darrah Benefit Fund, c/o the University Bank and Trust Co. in Ames.

Iowa State salutes Peg Neppel Darrah and sincerely wishes her the best of fortunes.



Kain's Regional Title Highlights Fall Golf

The longest-established women's sport at Iowa State is keeping in step with tradition - that of quality performance. The Cyclone women's golf team has entered its 12th season in record-breaking fashion. A youthful squad led by experienced four-year players Mary Jo Cunningham of Cedar Falls and Dawn Kain of Algona, the linksters have already set a number of school and individual marks in just four invitational this fall.

The Cyclone golfers' top performance of the short season came two weeks ago at the AIAW (Association for Intercollegiate Athletics for Women) Region 6 Golf Championship in Waterloo. The Iowa State team followed the lead of Kain, who won her first collegiate meet to become ISU's second regional medalist ever. Sibley native Barb Thomas won the same championship in 1979. Kain fired rounds of 81-75-75 for a personal-best 54-hole mark of 231 and a one-stroke victory over Minnesota's Jocelyn Smith.

Team champion Iowa State also set several records during the tourney, including an 18-hole best score of 306,

Head Coach
Joan
Gearhart



carded in the second round. The team's tourney total of 947 is a Cyclone record for a 54-hole meet. It marked the Cyclones' first regional golf crown in five years.

The title was the 26th tournament win for ISU coach Joan Gearhart. Her Cyclone coaching career spans 11 seasons.

Connie Carlson, a sophomore from Mason City, claimed second place at the Illinois State Invitational in early September for her collegiate-best finish and a school record 229 total. The Cyclones were second in the 10-team invite.

Iowa State's George Veenker

Dawn
Kain



Memorial Golf Course, one of the most challenging university courses in the nation, was the site of the 11-team Cyclone Invitational Sept. 25-27. For the first time in the tournament's 10-year history, play covered 54 holes. Oklahoma unseated defending champion Nebraska in the race for the team title. Missouri was third and Iowa State finished in fourth place.

Golf is one of two dual-season sports at ISU, and the Cyclones finish their fall slate today at the Kentucky Invitational. Iowa State opens its spring schedule in April with the Iowa State Golf Invitational.



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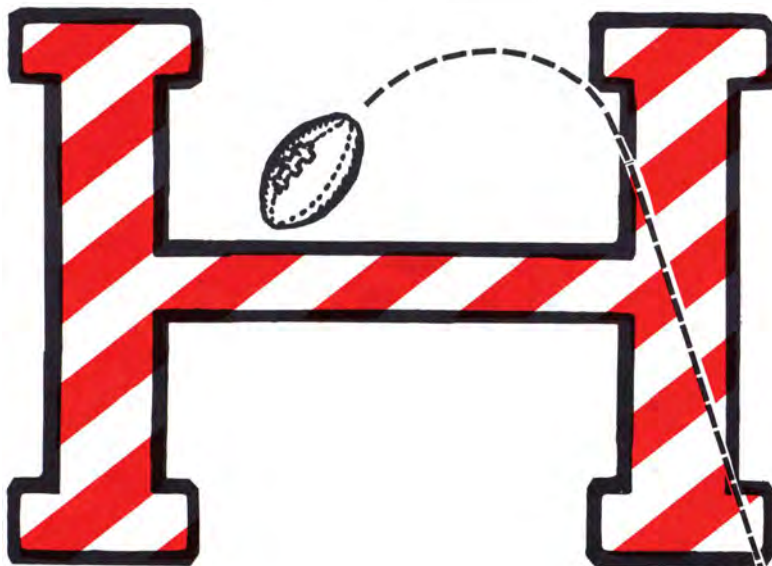


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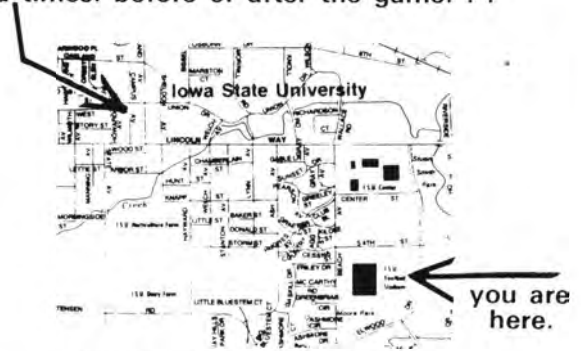
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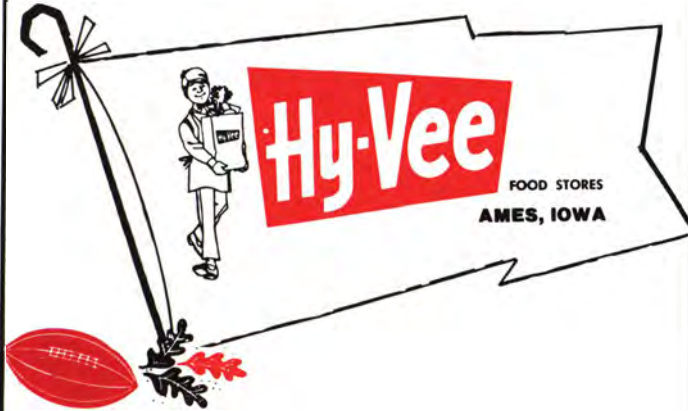


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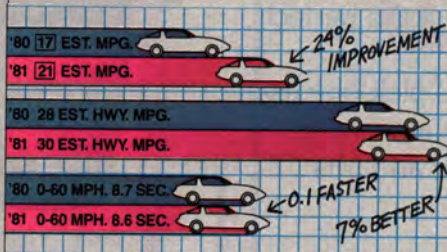
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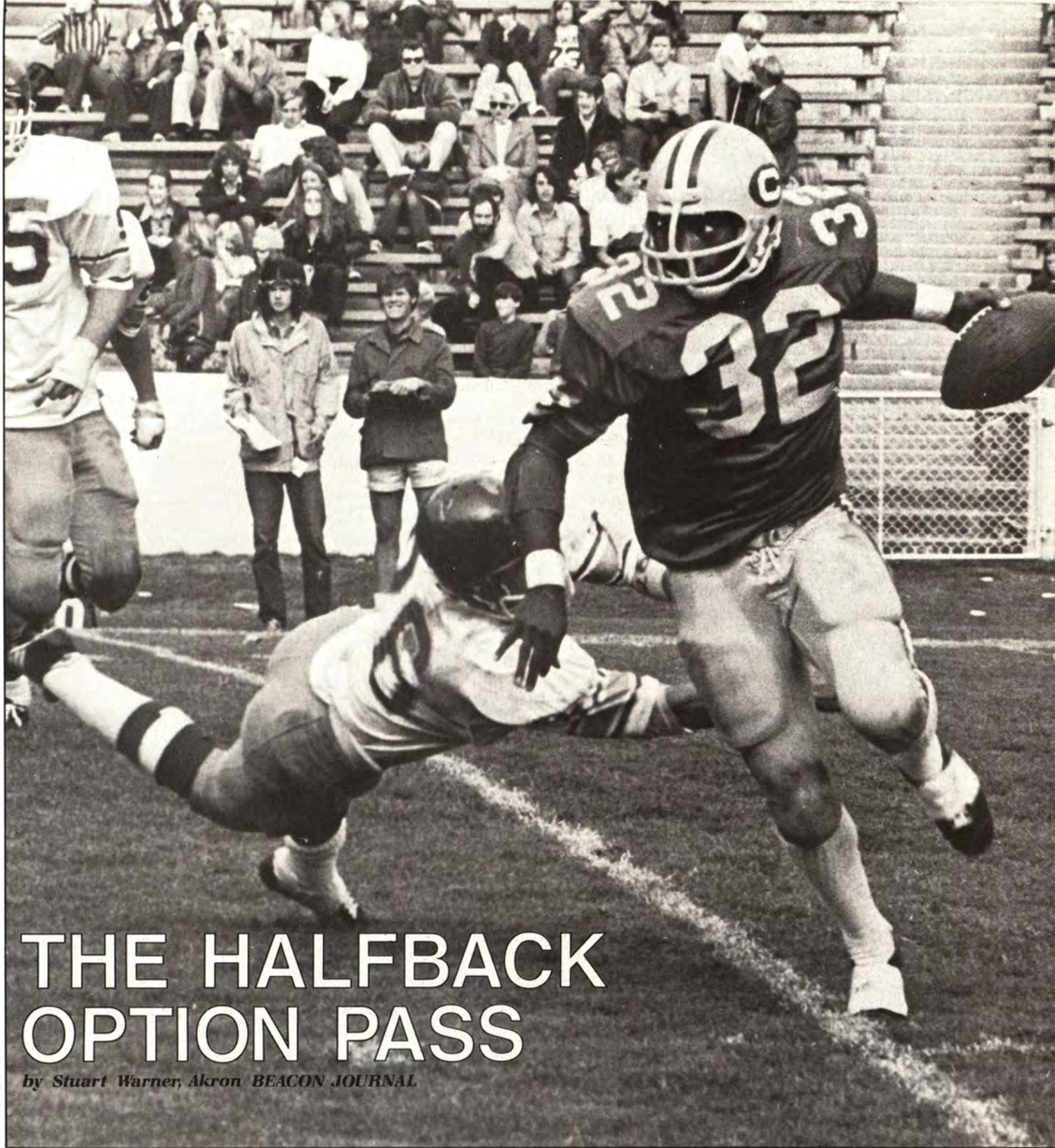
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THE HALFBACK OPTION PASS

by Stuart Warner, Akron BEACON JOURNAL

Just because a fellow always wears short sleeves doesn't mean he never has any tricks hidden up them.

Take your basic conservative coach.

Just when the opposing defense is certain there's going to be one more off tackle play, one more end sweep, three more yards and another cloud of dust, coach loosens his tie, lets down his hair and calls for a halfback option pass.

Woody Hayes, the former Ohio State coach known for his ground attack, was so

fond of the halfback option pass that one year—and this is a statistic that even long-time sports information director Marv Homan couldn't believe until he checked it in his record books—a halfback, Don Clark, led Ohio State in passing.

During the 1956 season, Ohio State threw the ball only 50 times. Clark passed seven times on the halfback option play, completing three for 88 yards and a touchdown. The starting quarterback that season passed only 20 times, completing

seven for 86 yards. Thus, based on yards gained and on percentage, Clark was Ohio State's leading passer. A year later Clark was also successful as a passer on the halfback option play, completing five of six attempts for 51 yards and another touchdown.

Clark was Ohio State's leading rusher in 1956 and 1957, gaining more than 1,700 yards in those two seasons. That enhanced his effectiveness on the halfback

continued

Halfback Option Pass

continued

option pass play.

"We definitely had the element of surprise on our side (when the Buckeyes ran the halfback option pass)," Clark said. "The defenses were always thinking about stopping the run."

Occasionally when the ground game wasn't working, Hayes would send in the halfback option pass. Clark would begin the play as if he were going to run another end sweep. And that is one of the beauties of the halfback option pass—if the cornerback suspects something and stays deep, then the halfback can continue with the sweep with the cornerback effectively taken out of the play. If though, Clark saw that the cornerback had moved up to stop the sweep, then Clark would pull up and throw a short pass to the tight end.

"The play was really so simple and safe," Clark said, "that you almost couldn't miss."

The critical element of the halfback option pass is making it appear as though the halfback is going to run the ball. To do that, the halfback has to tuck the ball under his arm until just an instant before he is ready to throw.

Next, he must make certain the defensive cornerback has been fooled before throwing the football. Since the pass is thrown on the run, the chances for an interception are increased if the cornerback remains in place.

Proper execution by the offensive line is also a must. The linemen must block as if the play were a sweep—yet they must be careful not to cross the line of scrimmage, for if they do and the halfback goes ahead with the pass, the offense would be assessed 15 yards for an illegal receiver downfield.

Usually only one receiver is used on the play. He will fake a sweep block, then try to slip behind the linebackers into the open area in the flat or continue downfield if the play is designed for a long gain. Then all the halfback has to do is throw the ball to the open man, which is easier said than done.

There was a time in college football, particularly during the 1930s and 1940s, when a team's top running back was often also its best passer. In the era of the single-wing attack, Saturday afternoons were populated with triple-threat tailbacks—young men such as Tom Harmon of Michigan, Frank Sinkwich of Georgia, Byron "Whizzer" White of Colorado, Doak Walker of Southern Methodist, Charlie "Choo Choo" Justice of North Carolina and Dick Kazmaier of Princeton—whose ability to run with the football, to pass it and to catch it, too, made them college football immortals.

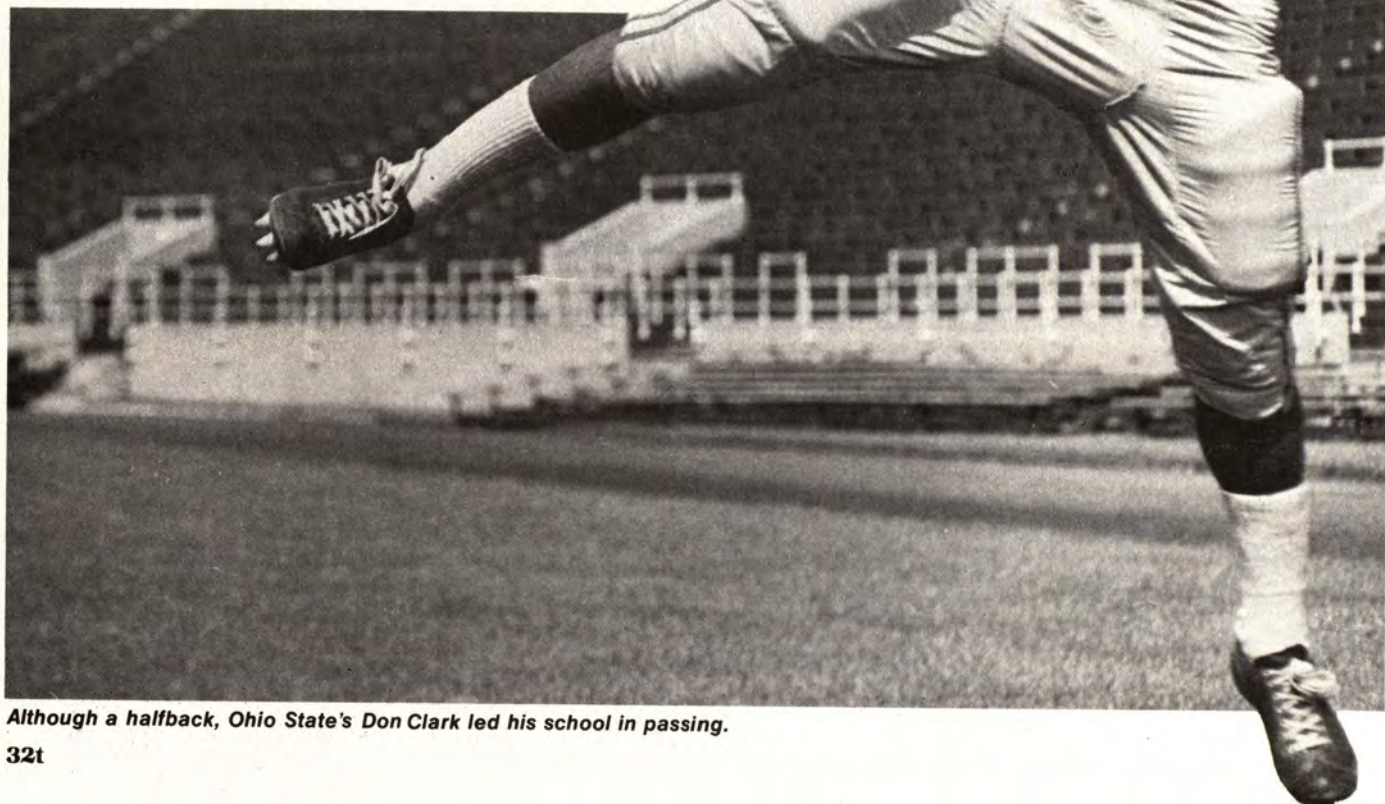
However, as the game became more sophisticated, college football players became more and more specialized. The Harmons, the Walkers, the Whites often never left the field during a game. Today, coaches frequently use one player at a position when it's third-and-long, another when it's third-and-short.

Thus, finding halfbacks who are also competent passers is not always easy. It's rare anymore for a running back to have a day such as Heisman Trophy winner Johnny Rodgers had in the 1973 Orange

Bowl, when he ran for three touchdowns, caught a pass for another score and threw a 52-yard pass for a fifth TD in a 40-6 rout of Notre Dame.

So, though the play is simple to execute, few teams use it much anymore. Most teams practice it, most defenses are wary of it, but seldom is it used.

Some coaches just won't try anything fancy.



Although a halfback, Ohio State's Don Clark led his school in passing.

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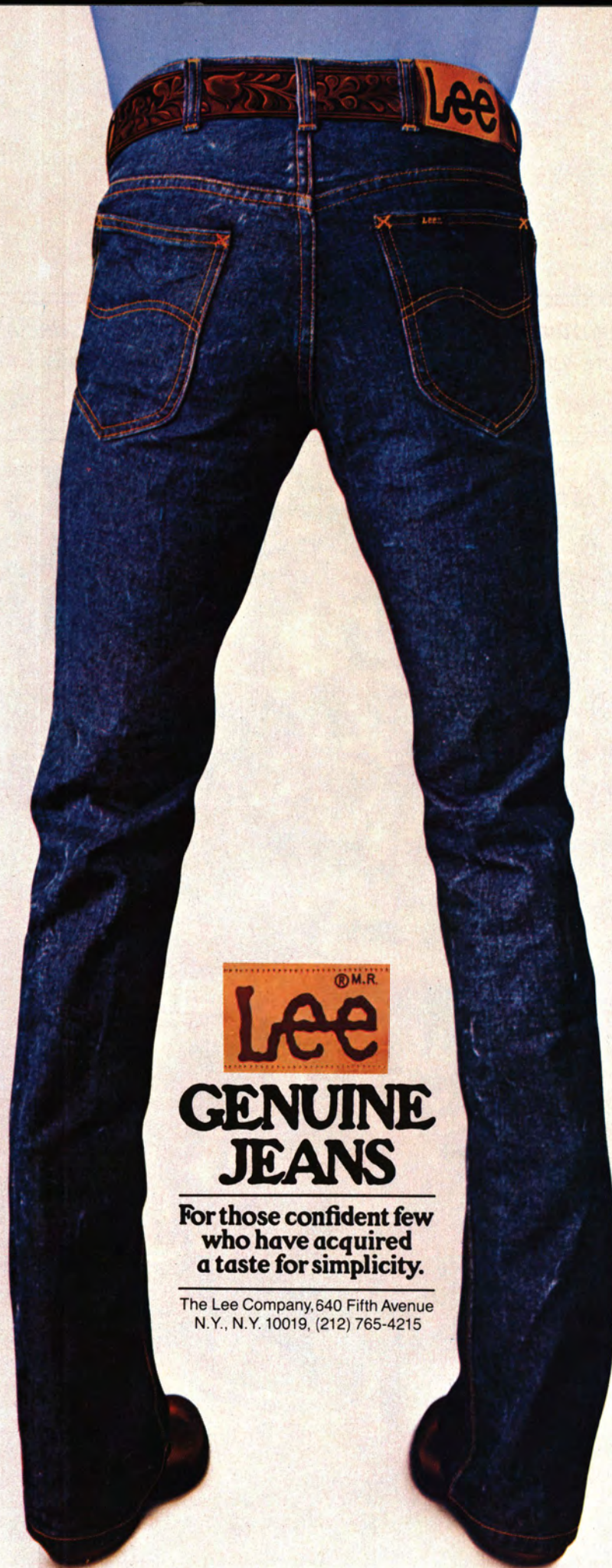
The Option Quarterback

by A. J. Carr, Raleigh NEWS AND OBSERVER

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Option Quarterback

continued

Football coaches travel the main streets and back roads of America looking for a prospect with those qualifications.

He is the prototype player a coach needs to operate an option-oriented offense, keep the defenses confused, the alumni happy and the fans on the edge of their seats.

The kid doesn't have to be big, but he's got to have guts. Like a durable watch, the option quarterback simply must be able to take a licking and keep on ticking.

The nature of the job demands it. The play sequence (handoff, fake, keep or pitch out) means the signal caller is apt

the South. "He must make decisions under certain pressure in such little time. The thing that kills you in a lot of options is that the quarterback will make a big play one time, then turn it over (fumble) the next."

The triple option, though a high risk attack because of the timing and precise ball-handling skills required, gives the offense a blocking advantage (10 men against nine).

But the quarterback remains the cynosure of all eyes, the man who determines which back gets the ball and, more often than not, whether the offense is a beauty or a bust.

Run a play with him.

Hut one! Hut two! The quarterback takes the snap from center, then eyes the defensive player stationed opposite the right shoulder of his offensive tackle on the side the play is going.

If the defensive player veers outside, the quarterback hands off to the dive back pounding inside. If the defensive player crashes into the dive back, the quarterback fakes a handoff, keeps the ball and then options the defensive end.

If the end sways to the outside, playing the pitch man, the quarterback keeps the ball. If the end charges after the quarterback, the QB pitches to a halfback swinging wide.

It's a multiple-faceted attack that annually drives defensive coaches up the blackboard. And it can be executed from several offensive formations such as the wishbone, I or veer.

"You like to have a quarterback who is

In the triple offense, precise ball-handling skills are a real necessity.



Ever alert, the option quarterback must be an aggressive runner and quick thinker.

to get hit by a menacing tackler on every offensive play whether he keeps the ball or not.

"There is one absolute requirement: The quarterback must be an aggressive runner," said a wishbone coach. "Without an athlete who is eager to keep the ball himself, the offense simply will not work."

"Speed and size help at the quarterback position just as they do at any position, but aggressiveness is the key and the only absolute requirement for the option quarterback."

In short, the option quarterback needs to think as quickly as a computer while flashing the poise of a prince and the guts of a kamikaze pilot.

And while running ability is required, coaches also like their quarterback to possess an adequate—if not artful—passing arm, providing an extra dimension in the team's overall attack.

"Mentally, the big things for the option quarterback are discipline and consistency," said an offensive assistant from

a good all-around athlete, smooth and fluid," explained one coach. "I also like a guy with pretty good sized hands. I like for the quarterbacks to be able to palm a basketball."

"A team that has a great one at that position is going to win big. But the big thing is being able to handle the punishment. He can't be the injury prone type of guy."

Patience and incessant practice are also essential to engineer the option adroitly. Most players called on to direct the attack are former high school quarterbacks. Seldom is an end or halfback converted into an option QB after he gets to college.

Even then, at the collegiate level, some coaches figure it takes a full year for the player to master the mechanics and thinking process the position requires.

However, there is an aura of deception in it all. Sometimes the player who "doesn't look" like an option quarterback turns into a running, faking and pitching stalwart.

Several years ago, one frail quarterback in the East developed into a formidable quarterback, masterfully guiding his team to four straight bowl games.

Then, another tall player in the Northwest who looked like a picture-book dropback passer, became a total offense king through his prowess in a carefully conceived triple option assault.

"When we utilized him in the option, he became much better," said the player's former coach. "He wasn't injured as much and he was much tougher. He became a much better all-around quarterback."

"If you limit a quarterback just to throwing, he doesn't have as much courage as he will if you have him do both (run and pass)."

The option quarterback also "reads" defenses in the aerial game, picking out vulnerable spots in the secondary, running misdirection plays and throwing to areas vacated by over-reaching linebackers and going for the bomb.

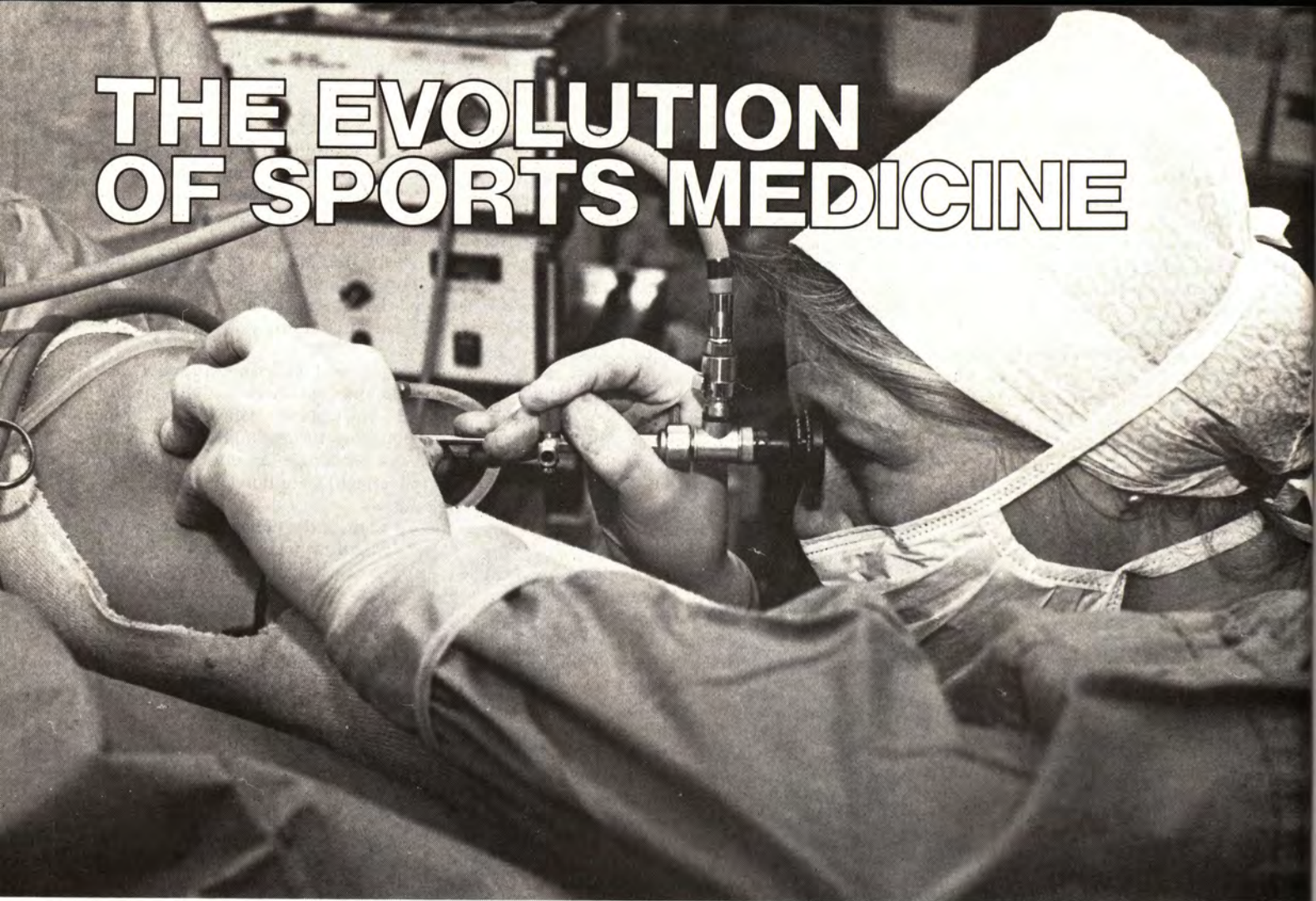
Still, frequently the golden-armed pocket passer with stunning statistics is the one that catches the fancy of the fans and winds up on the All-America team.

To fully appreciate the option QB, it's imperative to study his running, ball-handling and split-second decision-making abilities. Stats don't tell the whole story about his contributions.

"A quarterback has got to be someone who can, mentally and emotionally, handle the position," one coach said. "He is set apart. He must have football intelligence, be a leader and be a person who can make decisions."

And, don't forget, true grit is essential as well as true talent.

THE EVOLUTION OF SPORTS MEDICINE



With the arthroscope, the doctor can actually see the injury inside the knee.

by Dick Rockne, Seattle TIMES

Remember when a coach was considered soft, or even medically irresponsible, if he provided opportunities for his players to consume water during practices and games?

Fortunately for athletes, that theory has been abandoned as being totally unsound. But it remains as an example of the myths that have been dispelled in the past 15 years as the result of a greater emphasis on the sports medicine field.

For one thing, the term itself—sports medicine—is a relatively new discipline on an aspiring physician's list of options. While once upon a time few medical men and women found it scientifically, or economically, sound to specialize in the treatment of athletic injuries, many doctors, registered physical therapists and trainers have now become dedicated to the cause of improving an athlete's physical structure.

Today, sports medicine is a mini-industry. Athletes have benefited from improvements in at least six categories: nutrition and fluids; training and conditioning; equipment; injury recognition; rehabilitation; and technology.

Only in the area of injury prevention has progress lagged, in part because the

vast amounts of money needed for research have not been available.

Several factors have been responsible for the improvements. The athletic successes of the Eastern Europeans, particularly the Russians and East Germans, opened many eyes in the United States, according to an orthopedic surgeon who served as director of the sports medicine program at a West Coast university. Their successes led, he said, to more scientific approaches to training, conditioning and nutrition.

Better training and conditioning techniques have brought about improvements in both performance and injury prevention. We now know, for example, that people who are fit both cardiovascularly and muscularly have fewer injuries.

A conscious effort by coaches, trainers and physicians to broaden their knowledge and understanding has accounted for increased injury recognition.

Injured athletes recover faster than ever because of improved rehabilitation techniques, many of which include the use of exotic machinery.

"Technically, we have improved to the point where we can be more aggressive

in therapy," said a former college football player who is now a doctor specializing in sports medicine. "Responsible patients who have the luxury of being able to work with a physical therapist twice a day are able to save a lot of recovery time."

Of the many technological advancements, none has been more dramatic in the field of orthopedic surgery than the development in the past 10 years of the arthroscope, a device that has changed the way knee injuries are diagnosed and, in some cases, treated.

During the mid-1960s, when a football player suffered a knee injury, and it was visibly obvious that ligaments were torn, surgery would be performed immediately. But if there was some doubt about the severity of the injury, the knee would be placed in a splint for several days before it would be determined if surgery—either exploratory or corrective—was necessary.

Now, because of the arthroscope, doctors have the ability to look inside the knee and decide immediately whether to wait and see or to go ahead and do something.

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GOODYEAR
QUALITY AND INNOVATION

continued

The arthroscopic procedure may sound simple, but considerable ability is required to use it.

"You begin by using Novocain to deaden the knee," one doctor explained. "Then you make a small incision in the knee and introduce the scope." He described peering into the scope as "very much like scuba diving" in the water-filled knee.

Because they are able to see the injury, doctors can diagnose the problem quickly and accurately. They can then, if necessary, use the scope to perform cartilage surgery and remove loose bodies. Ligament tears cannot yet be repaired with the arthroscope.

Medical scopes have been in existence since the late 1800s, when candles provided the source of light. But it wasn't until the late '60s and early '70s that a scope with a tungsten light source became practical in the diagnosis of athletic injuries.

Fiberoptics came along next, allowing a physician to get good illumination of a joint without breaking off the light source.

Then came the arthroscope.

"It is probably the greatest advance-

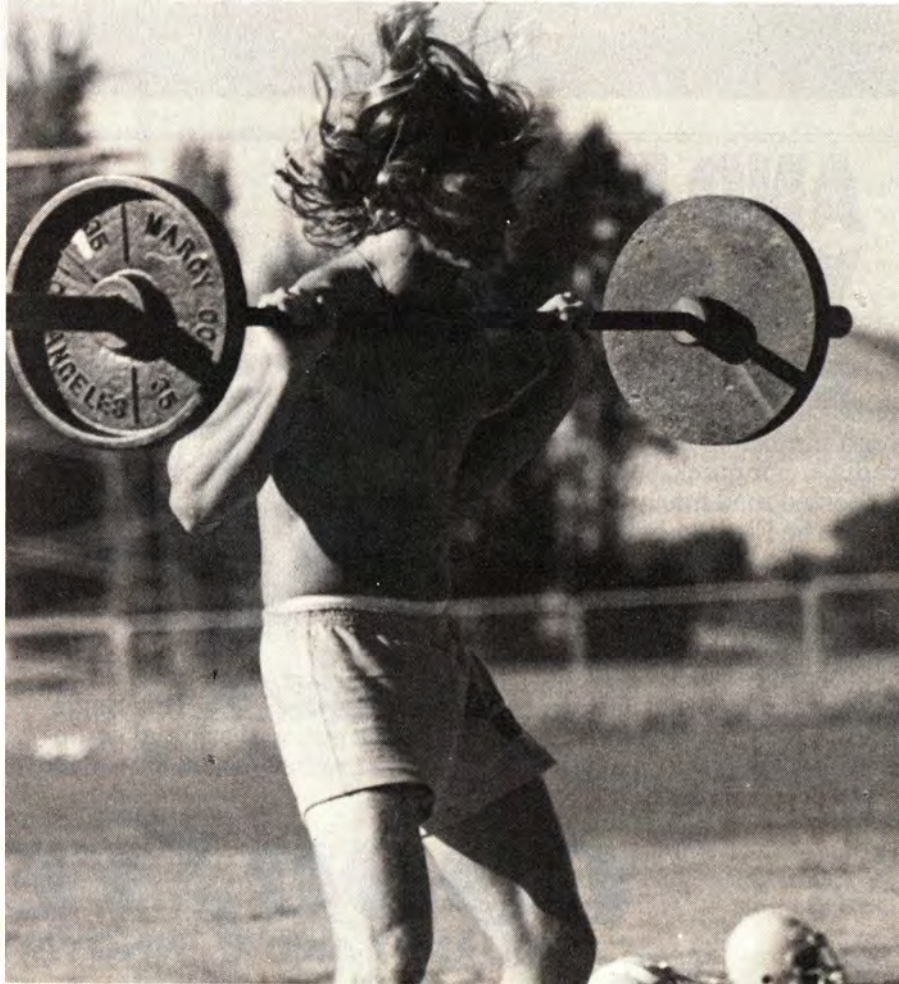
ment in orthopedic surgery," an orthopedic surgeon acknowledges. "But it is probably not as important in the overall field of sports medicine as are the improvements in rehabilitation, training/conditioning and equipment. I think those are probably more important because they affect a wider variety of sports. Sure, knee injuries are important, but they aren't the most common sports injury."

In contrast to the progress achieved in various areas of sports medicine, finding acceptable methods of preventing disabling injuries represents a major frontier. Can equipment be devised to prevent knee, ankle and head injuries? Should rules be changed at the risk of altering the nature of the games people play in order to create a nearly injury-free environment?

That depends on the spectator, the participant, the physician and the parent. There is also the question of medical priority. When sports injuries are compared to cancer and heart disease, they become less significant. But sports injuries usually happen to young people and when they do, they can be a disaster.



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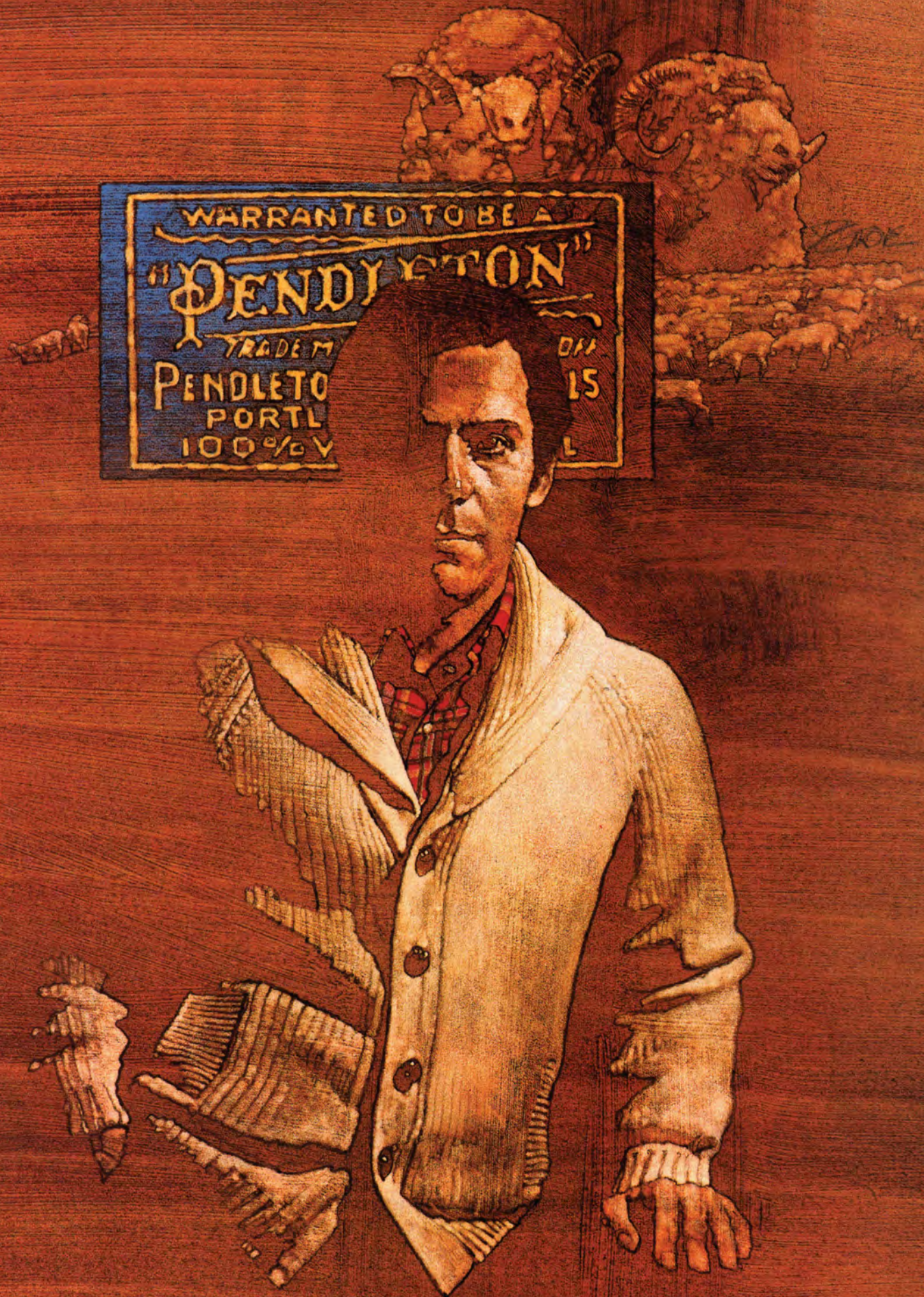
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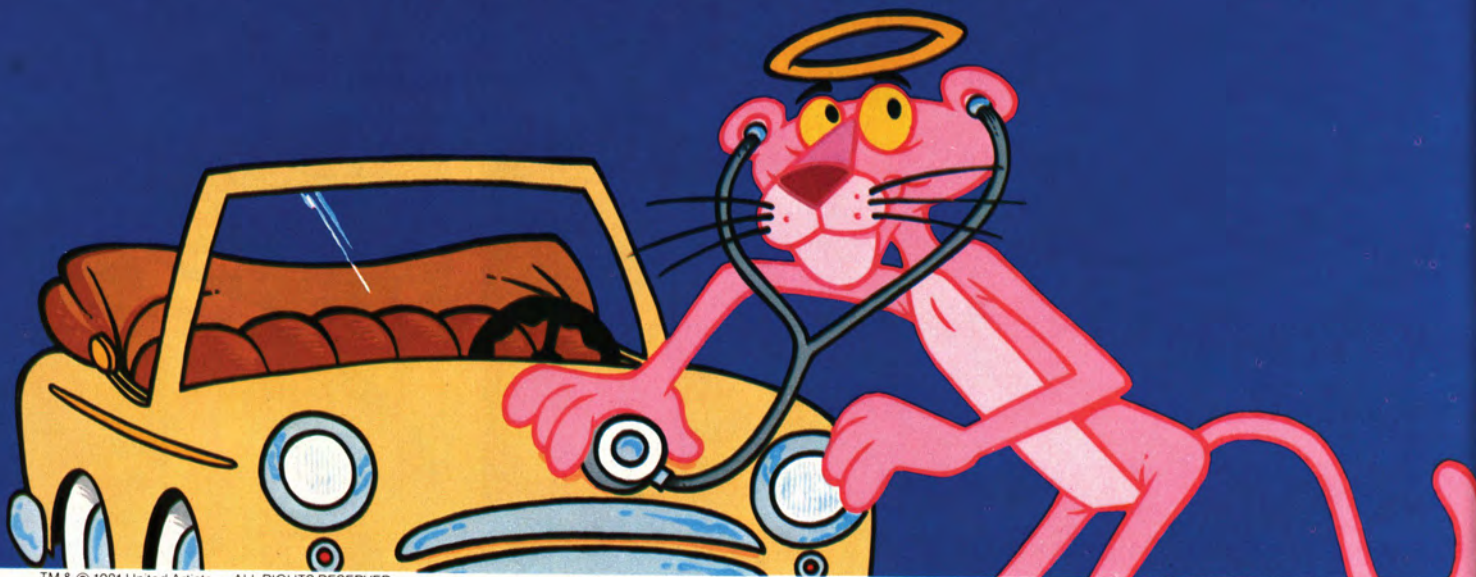
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SECONDARY COVERAGE

Man to Man or Zone?

by Orville Henry, Arkansas GAZETTE

The way the story goes, this veteran football coach, whom we shall call Herman, learned that a contemporary, friend and rival coach, whom we shall call Richard, had broken down. Nothing else would do. Richard had to be committed to a mental institution.

Soon, around practice time every day,

Herman began to disappear.

This shocked his assistant coaches.

One of them was directed to watch Herman from lunch on and to report on this thing of immense importance that could be taking him away from his team's practices.

Herman was tracked to a hillside over-

looking the recreation area of the institution where Richard now lived. There, half-hidden behind a tree, Herman lurked with pad and pencil. He was taking notes as Richard, down on the field, went through the motions of kicking off, rushing to the end zone to return

continued

Secondary Coverage

continued

the kickoff, then setting up as a quarterback, then throwing a pass, then receiving—in short, playing a phantom football game all by himself.

Confronted, Herman explained: "Don't you understand? The way things are going with our team, I'm almost a cinch to be out here with Richard before long. And I'll have to play him. And if I don't scout him, he'll beat me 40 points."

What Herman especially needed to know, of course, was whether Richard was using "man-to-man" or "zone" coverage in his secondary.

That is *the* question, especially in college football, in which variety is the spice of life.

Today when a head coach decides on his pass coverage the determinant is: "Who are we playing?"

If the opponent is running a veer, which mixes triple option running with pro-type passing, do you fear the receivers or the running backs the most?

A man-to-man defense accounts for all five normal eligible receivers (but not the quarterback, who is a legal receiver in college). If you are playing "man" and your cornerback is running downfield with a wide receiver, that side can be terribly vulnerable to a triple option running play to that side.

A straight man defense played aggressively can be extremely vulnerable if the offensive team is able to shake one man on a deep route—if the quarterback has time to throw—and on a wide play that is set up especially well.

A defense in which the four backs, as well as linebackers, have responsibility for certain zones until the ball appears is more apt to build a fence around and contain the ballcarrier.

Actually, most teams now use "combination" defenses. On some downs, they're entirely in zones or entirely in man-to-man. On others, some players are covering zones, others are in man coverage.

More and more teams today are going to the passing game in college football, partly because some brilliant coaches are simplifying the "reads" and giving up on option running.

Thus, there is a swing back to increased use of man coverage, which gets more people on the line of scrimmage, takes care of the run if no options are used and can discourage passing.

Few quarterbacks in college football today can learn all the reads of defense required for both the passing and option running.

In truth, there isn't a quarterback who isn't better at one than he is at the other. More coaches are now asking him to do only what he is best suited for.

On the other side, defensive coaches shy away from choosing a secondary man purely for his speed. If he makes a



Man-to-man defense can be extremely vulnerable if the offense can shake one man on a deep route.

mistake, for instance, the speedster will go the wrong way twice as fast as a slower man. Above all, a defensive back had better be able to back-track and move laterally. He'd better be football smart. Height isn't critical. Going to the football properly, timing his move for it, are all-important.

The cornerback should be among the best athletes on the team. The strong safety should be like an extra linebacker—as should the free or weak safety if he is playing against option offenses.

On most teams, the defensive back, as well as the linebackers and at least one end, will have to know more coverages than his team has defenses.

Run support, mind you, is every bit as important as pass coverage. Every college team has in its repertoire blitzes by both safeties and "corner fires" by its corner men. And that is not support; those are gambling, all-out moves against the quarterback.

The big thing nowadays is concealment.

The defense on one down will play man, the corners running all the way with receivers, the strong safety picking up the tight end immediately, and the linebackers checking for men coming out of the backfield and running with them.

On the next down, the cornerback might line up on the split end's nose and run hard with him for five yards, then halt and play that zone, leaving the split end for the free safety to pick up in his zone. On the next down, the corner might line up 10 yards off the split end,

then—as the quarterback calls the signals—move slowly up until he is at the line of scrimmage. And the quarterback has only 25 seconds in which to get the ball snapped, usually counting huddle time.

"Used to be, when a team played a zone the entire game, trying to guard against the deep pass," said a coach, "you'd see one curl pattern thrown over and over again, inside the zone. Now you never see the same pass thrown twice in a row, because the defense changes the picture on almost every down."

On a passing down the quarterback might see:

(1) Three men rushing, eight dropping back into zones to cover receivers.

(2) Four men rushing, five men playing "basketball" against the five eligible receivers (all over them every step of the way), and the last two men backing up in a deep zone to prevent the bomb and provide support in case of a short completion, each taking half the field.

(3) Five men rushing, four men playing man, two others doubling up on the best receivers.

(4) Seven men blitzing, four in man coverage. Against an expected blitz, two backs will start in to pick up the linebackers. If a linebacker doesn't blitz, the back will slip out into a flare pattern. On the other hand, a back might stay in and pick up the linebacker blitzing, only to have the safety coming in right behind him.

This is countering "Flare control" with "Blitz control."

Things change for a defensive back when the ball is inside either 20 and especially on the goal line. Backs tend to be more like linebackers as the other team drives inside the 10; almost all the coverage down there is classic man-for-man.

It all appears, of course, hopelessly complicated.

That's the trick, says one defensive coordinator—to make it look complex to the other side but simple to the people you're coaching.

Then there are those who will tell you the real secret.

"We have a great secondary," says one, "when our offensive unit and kicking team turn the ball over on their 20 every time. Without giving up a big play, the other team goes 80 yards only about once in 13 tries. And we coordinate our defense so we don't give up the big plays."

Except when a Heisman Trophy-type of runner intervenes.

When that happens, the defensive back needs to root harder for his offense.



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Tailgating at the Academies

by Gene L. Ward, Jr.



Good food is one of the highlights of tailgating.

At the United States Military Academy at West Point, the fine art of the tailgate picnic has reached such a pinnacle of refinement that it outranks anything on any college campus anywhere.

On any given Saturday when Army's Black Knights are at home in Michie Stadium, the Storm King Highway, the Palisades Parkway and other roads leading to the United States Military complex high above the Hudson River are jammed with cars as the faithful gather from all points of the compass.

They come from the New York metropolitan area to the south, Connecticut to the east, New Jersey to the west and the Hudson Valley to the north. The early arrivals, many of whom have left their homes long before dawn, are members of the tailgate set, the name, of course, being derived from the tailgate of a station wagon.

The earlier they arrive the earlier the party starts. Out comes a wide range of picnic equipment—hibachis, grills and the like, tables, folding chairs and, for the fancy, flowers for the table, sterling silverware, candelabras, decanters and cut-crystal glasses.

The old days of the bagged lunch, paper plates and plastic utensils are long gone.

By mid-morning the various parking lots are running out of space. Soon the aromas of sizzling beef and Italian cooking are floating on the breeze along with college pennants and homemade group flags like the one flown by The Chuck Wagon Gang.

If there is variety in the food being served, the same holds true for the music coming from car radios, tape decks and recording units, with rock vying with the classical and jazz. As dusk settles after the game, many of the young people break out their guitars. There is one

group which hauls in a piano for special occasions.

The largest of the parking areas is Howze Field just below The Stadium which is available to season-ticket holders with seniority. There is additional parking in lots A through F, as well as in the huge Buffalo Soldier's Field area down the hill opposite the Hotel Thayer just inside the entrance to the West Point Reservation.

Many of the tailgate parties last until well after dark. There are no restrictions as to the hour of arrival or departure, and all fans have the freedom of The Post.

Up the hill toward the Stony Lonesome Gate, at the north end entrance off 9W, there's a special lot for campers with attachments for water and electricity to accommodate the newest breed of tailgater. Many in the camper set arrive on Thursday or Friday and stay the weekend.

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WITH GENUINE GM PARTS.**

Introducing incredible tuning accuracy at an incredibly affordable price: The Command Series RF-3100

31-band AM/FM/SW receiver.* No other shortwave receiver brings in PLL quartz synthesized tuning and all-band digital readout for as low a price.† The tuner tracks and "locks" onto your signal, and the 5-digit display shows exactly what frequency you're on.

There are other ways the RF-3100 commands the airways: It can travel the full length of the shortwave band (that's 1.6 to 30 MHz). It eliminates interference when stations overlap by narrowing the broadcast band. It improves reception in strong signal areas with RF Gain Control. And the RF-3100 catches Morse



RF-6300 8-band AM/FM/SW

communications accurately with BFO Pitch Control.

Want to bring in your favorite programs without lifting a finger? Then consider the Panasonic RF-6300 8-band AM/FM/SW receiver (1.6 to 30 MHz) has microcomputerized preset pushbutton tuning, for programming 12 different broadcasts, or the same broadcast 12 days in a row. Automatically. It even has a quartz alarm clock that turns the radio on and off to play your favorite broadcasts.

The Command Series RF-3100 and RF-6300. Two more ways to roam the

globe at the speed of sound. Only from Panasonic.

*Shortwave reception will vary with antenna, weather conditions, operator's geographic location and other factors. An outside antenna may be required for maximum shortwave reception.

†Based on a comparison of suggested retail prices.

This Panasonic Command Series™ shortwave receiver brings the state of the art closer to the state of your pocketbook.



With PLL Quartz Synthesized Tuning and Digital Frequency Readout.

Panasonic
just slightly ahead of our time.



Ever wonder what they're saying down on the sidelines? When the quarterback stops the game and ambles over to chat with his coach, is the subject football? Or is it blondes, brunettes and redheads? Is the assistant coach squatting in front of the monsters of the line talking blocking patterns? Or, as television commercials would have us believe, are they discussing the relative merits of a triple-track razor as opposed to one with an electronic ignition?

College coaches have tried everything but satellite transmission to get messages to their teams during the heat of battle. A sideline tete-à-tete is most efficient, but not always practical. In-depth analysis requires more time and graphic illustrations can be a plus. With the advent of telephone headsets, wireless walkie-talkies, and little magnetic play-

Sideline Chalk Talk

by David Davidson, Atlanta JOURNAL

ing fields with tiny men that can be moved from place to place, chalk and blackboard have become virtual antiques.

The computer age has not infringed upon the game itself—yet—so coaches are forced to utilize more primitive methods of communication. There was

the Deep South coach who hailed a wide receiver to explain a new play he wanted to try during the mop-up stage of a victory. With the head coach and player looking over his shoulders, the offensive coordinator diagrammed the play on a piece of scrap paper.

continued

Stress can rob you of vitamins

What is stress?

Severe injury or infection, physical overwork, too many martini lunches, fad dieting—any condition that places an unusual demand upon your body constitutes stress and may cause B and C vitamin depletion, if the diet is inadequate.

Vitamins the body can't store.

Your body absorbs two kinds of vitamins from the food you eat: fat-soluble and water-soluble. Substantial reserves of the fat-soluble vitamins are accumulated in body tissues. But this is not true of most of the water-soluble vitamins, B-complex and C. They should be replaced every day.

When your vitamin needs are increased by stress, your body may use up more B and C vitamins than your usual diet can provide. When that stress is prolonged, a vitamin deficiency can develop.

STRESSTABS® 600 High Potency Stress Formula Vitamins can help.

STRESSTABS® 600 has a single purpose: to help you avoid a B-complex and C vitamin deficiency. With 600 mg of vitamin C, and B-complex vitamins, high potency STRESSTABS® 600 can help restore your daily supply of

these important vitamins.

STRESSTABS® 600 also contains the U.S. Recommended Daily Allowance of vitamin E.

A stress formula to meet a woman's need for iron.

STRESSTABS® 600 with Iron combines the basic STRESSTABS formula with 150% of the Recommended Daily Allowance of iron, plus folic acid and more B₆, to help satisfy the special nutritional needs of many young women.

STRESSTABS® 600 with Zinc.

Because zinc requirements have also been found to increase during various forms of stress, it has recently been concluded that there are times when your body may need more zinc.

STRESSTABS® by Lederle. The Stress Formula Vitamins preferred by physicians.

Doctors have relied upon the quality of Lederle medicines, vaccines and research for over 70 years.

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Look for the Lederle mark on every STRESSTABS® package. If it doesn't say Lederle, it's not STRESSTABS®.



Chalk Talk

continued

"Got that?" the offensive coach asked.

"Got it," replied the receiver, snatching the paper and sprinting onto the field, waving it over his head to alert his teammates to the importance of the message he bore.

"Even the people in the stands were laughing," the head coach recalled. "And it was a comical scene, all those players crowded behind him, trying to decipher what looked like a chicken's scratchings. The really funny thing is that we scored on the play."

To the casual observer, a chat between coach and quarterback is the most visible. "People think we're talking deep, dark secrets," said one well-known coach from Big Sky country.

"Actually, most of the adjustments on defense are made in the secondary to confuse the quarterback, especially in passing situations. If the defense is on the field, we can sit down and show him what's happening on a blackboard. Otherwise, we do it on the fly. But most of the quarterback's mental responsibility is in the passing game. Running is basically just execution.

"Sideline talks with the quarterback," he continued, "are basically 'what if' sessions. We'll remind him what defense they used in a similar situation earlier in the game. We go over the variables. The main thing is to keep the quarterback open-minded, because the defense could change."

Most often, the coach will provide the call for the quarterback, with or without alternatives.

Such plays usually originate with an offensive coordinator who is stationed high above the field in the press box

where he can get a better perspective of the proceedings. He gives the call to a colleague manning the sideline headphones who then passes it to the team via a player/messenger. Thanks to modern technology, the whole process can be accomplished within 25 seconds.

But electronic communication doesn't always work so smoothly. For instance, one coach with Southwest Conference credentials charged onto the field to protest an official's call only to be returned to some sense of sanity when he reached the end of his tether and was snapped back on his posterior. An Atlantic Coast Conference head coach was knocked nearly unconscious when hit in the head by a headphone set ripped off an assistant after an offensive lineman tripped on the wires while running onto the field. "I thought someone hit me with a bottle," the head coach said. "Then I realized that couldn't be it because we weren't playing at home." One head coach, now retired, wore earphones just to impress his alumni—they weren't plugged into anything!

Some coaches use time with their players on the sidelines to make what one Far West assistant called "an attitude check." "If he can take what I give him on the sidelines," he said, "then he can sure handle any pressure on the field."

Like most coaches, the late Ralph "Shug" Jordan was always ready to take advantage of what appeared to be a good opportunity. Unlike many coaches, Jordan had a way of seeing all sides of a problem and recognized that not all that glittered was gold. In practice once, Jordan whispered to his quarterback to

run an off-tackle play after he noticed the defensive guard had been knocked groggy on the previous down. But suddenly Jordan started laughing. "Then again," he cautioned his quarterback, "that lineman might be mad as hell and knock you on your fanny."

Jordan's game plans were rarely so elaborate as to require an entire blackboard to get the message across to his players. In a 24-3 victory over Colorado in the 1972 Gator Bowl, his game plan was written on the back of a matchbook.

And, of course, there are times when rolling out the blackboard just isn't practical. In 1960, the first year for two-point conversions, one team didn't even have a two-point play when a lateral touchdown got the team within a point. While the head coach held up two fingers to inform the team—and its fans—of his intention to go for the victory, the offensive staff hastily drew up a play in the dirt, a power sweep to the right side. And it worked!

Though the head coach and quarterback are the leading characters when chalk talks on the sidelines are staged, get-togethers between offensive linemen and their coach almost always have more impact on the outcome of a game. But since offensive linemen are by nature an introverted lot, maybe it's better that their meetings are conducted on the bench and thus obscured from public view.

"There are more adjustments made in the offensive line than any other area on the field during a game," an eastern coach said. "If the other team comes out in a totally different defense than we anticipated, that could mean throwing out everything we've done in practice that week and changing the whole blocking scheme. And while most people don't notice something like that, last time I checked, games were still won and lost in the trenches."

Just because those meetings are hidden from view doesn't mean they aren't lively.

A group of offensive linemen at Ole Miss were once surprised when John Vaught, the personification of dignity during his tenure there, slid into their huddle on his back. He had been hit on a play that came to the sideline, narrowly missing a table that would have fractured his skull. Vaught simply stood up, straightened his hairpiece and resumed his position at the edge of the field.

Regardless of what transpires on the sidelines, it's what happens on the field that counts. Many are the examples of a quarterback altering the coach's best-laid plans, for better or worse.

"I just remember one thing always," a coach from the Northwest said. "It's a long, long way from the sideline to the field."

Sideline talks are used to go over variables or make adjustments in the game.

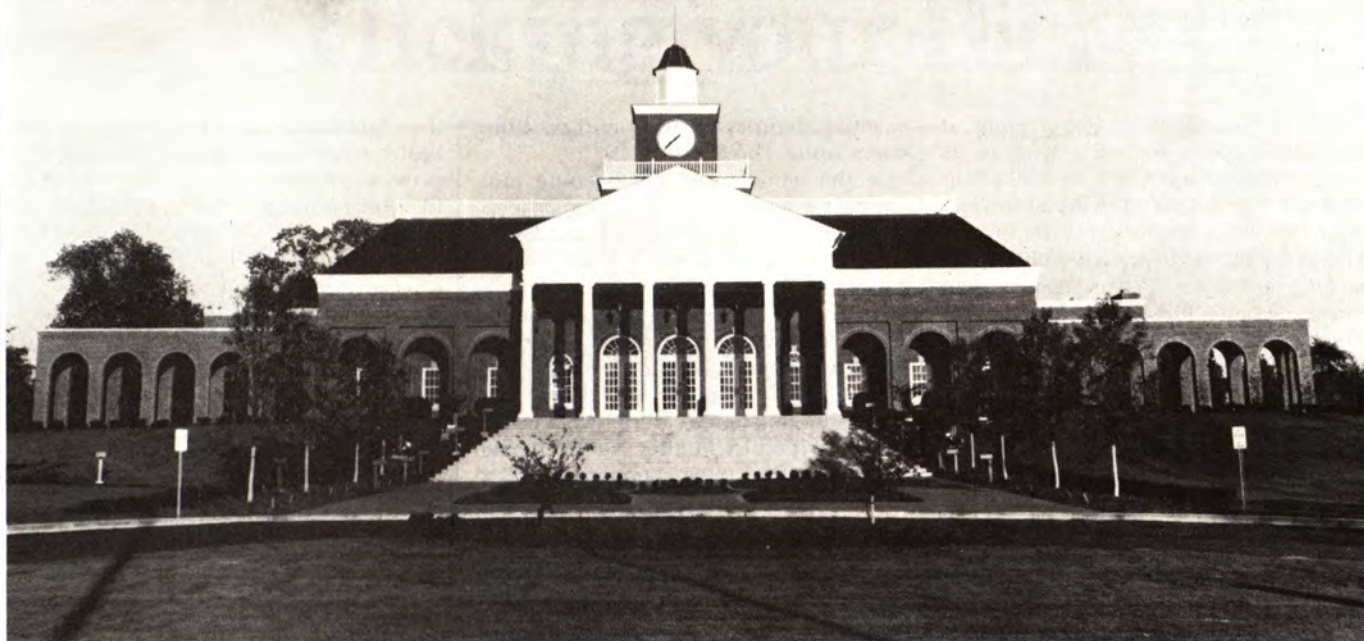




What separates the champions from everyone else
is the ability to duplicate their achievements.

XEROX

The College Football Hall of Fame



Imagine, if you will, a Hall of Fame devoid of musty little rooms where memories hang heavily along drably painted walls and trophies lose their glitter in dim-lit shadow boxes.

Visualize, instead, a football Hall of Fame which honors its great players, coaches and personalities in bright attitudes of achievement. Picture tele-screens bringing men and matter to life, where the late Knute Rockne "talks" of legends and "Red" Grange gallops again. See yourself matching wits with history's most successful coaches or testing your knowledge of the game in a computer quiz.

These experiences are reality at the National Football Foundation's College Football Hall of Fame at Kings Island, the 1600-acre family entertainment center, situated along Interstate-71 north of Cincinnati. The facility promises more than a past-tense presentation of gridiron glory. To the contrary, you will discover football excitement in a modern mood, blending multimedia concepts in a unique, fun-filled learning process.

Aligned with the National Football Foundation's dedication to educate and inspire Americans through the principles of football, the building, dedicated on August 3, 1978, has been hailed as the Hall of Fame of the future.

Jaques Cattell Press, in its recently released *The Big Book Of Halls Of Fame*, foresees the visitor getting "to know the game of college football intimately within 2-3 hours" or attaining "in 10 minutes a first-name kind of friendship with a famous college football star of the past."

Indeed, this personalized approach is an integral part of the Hall. Exhibits bring the total college football experience to life via action-oriented attractions which invite your participation. Within a campus-like framework of Georgian-Colonial architecture, the building houses a wonderland of fact and fun certain to appeal to each member of the family—male and female, young and old.

For example, a touch of the telescreen keyboard conjures up the legends of Jim Thorpe, Tom Harmon, Bronko Nagurski, "Whizzer" White, Pop Warner or any of the 453 players and coaches enshrined in the Hall. The computer gives you ready access to information on the Hall of Famers, according to name, school, state or season.

You may want to meander through the "Time Tunnel," which traces the history of football from its earliest beginning as a Greek game called *Harpaston*, played in 478 B.C., to its modern version. Walk along the cobblestones of Merry Old England and learn how King Henry II outlawed the sport when his archers spent more time kicking a ball than drawing their bows. Leave the ancient days of football's development, passing through a Civil War tent and into the blossoming evolution of the game as a uniquely American sport.

Four theatres provide cinematic insight into great teams and individuals, classic contests, bowl highlights and rib-tickling football follies. Wide-eyed youngsters can enjoy Hanna-Barbera's Fred Flintstone in an "explanation" of football rules. A 250-seat Grandstand Theatre records the game's Golden and

Modern eras in film and slides.

And, yes you *will* witness Notre Dame's legendary Knute Rockne—in a specially-produced animated form—deliver his famous pep talks in the "Locker Room," sponsored by Chevrolet. The reincarnated Rockne urges you to "Win One For The Gipper" or "Fight, Fight, Fight," recalling some of the most inspirational moments in football. That's not all! Many other coaches are featured in Locker Room screenings.

The computerized "Strategy Room" is set to offer exciting games to test your skill and judgment in situations familiar to the nation's coaches. Tackle a computer quiz and "make the team," moving from Recruit to Coach, all based upon your knowledge of football and its history.

Or, for some real fun, step up to the tee and kick a "game-winning" field goal. Be careful, though! There are *cheers* if you make it, *boos* if you miss.

The new Hall of Fame offers college football's color, excitement and pageantry as an extension of the already popular family entertainment theme of Kings Island. Taft Broadcasting Company, owner of Kings Island, is managing the Hall of Fame under the direction of the National Football Foundation.

The traveling gourmet can enjoy the Island's International Restaurant; the golfer, a tour of the Jack Nicklaus Golf Center, site of the 1978 Ladies Professional Golf Association Championship.

Overnight guests can relax amid the Swiss chalet charm of the 300-room Kings Island Inn or use the Kings Island Campground.

Tailgating

continued from 46t

ABOUT THE AUTHOR: Gene L. Ward, Jr. was a sports columnist and feature writer for the *New York Daily News* and *Chicago Tribune-New York News Syndicate* for 47 years, has been a TV and radio commentator, moderator and script-writer, and is co-author of *Football Wit and Humor*. He is currently a freelance writer and commentator.

The public relations department at West Point hasn't missed a trick in its successful packaging of a football Saturday, and it has a lot of material to work with—the impressive architecture of The Academy, oldest such military establishment in the country; historical interest; and such individual attractions as The Academy Museum, The Chapel and the Parade of the Cadet regiments held every Saturday on The Plain at 11 a.m.

There are shuttle buses to haul the fans down the hill for The Parade and back up again for The Game. The whole traffic operation, both pedestrian and

meeting them at the dock and shuttling them up to The Stadium.

If the game itself has become incidental for many fans, then what is keeping them coming to football Saturdays at The Point? For the tailgaters, the answer has many facets. Good food, good fellowship and good fresh air figure to be the major reasons and, for the fans in general, there are the many attractions offered by The Academy itself.

But the outstanding lure has to be the one provided by Mother Nature herself as she dresses up in her dazzling and multi-colored autumn gown. There's

they "got real fancy" and brought in portable steam equipment, inviting the press to join their group. That was Ray's idea, of course, he being the ex-sports editor of the Peekskill Star.

One of their specialties is an Italian-sausage and meatball sandwich. After an Army victory they come up with a complete Italian dinner of lasagna, topped off with a variety of desserts, including cakes baked by Mrs. Robert Kinney, the wife of Army's sports information director.

Bob's counterpart at the Naval Academy in Annapolis, Tom Bates, reports that

A West Point cadet enjoys a barbecue before the game.



Tailgating at Navy is becoming popular with the fans.



vehicular, is meticulously handled by the Provost Marshal and his MPs.

Although packing a lunch to a college football game goes back to the original Rutgers-Princeton rivalry, tailgating at The Point didn't really start to take off in popularity until the late 1960s, when the Tom Cahill-coached Army teams put together 8 and 2, 8 and 2 and 7 and 3 seasons all in a row.

But, as the quality of Army football diminished, the tailgating craze kept right on growing and, in the early '70s, the Army Athletic Association found it necessary to up the capacity of Michie Stadium to over 40,000.

Army sells out for almost every major home game, but the crowd isn't composed entirely of season-ticket-holders, tailgaters and the like. Opponents who play in Michie Stadium this '81 campaign all will bring hordes of rabid followers with them, including some of their own ardent tailgaters.

Many fans trek to West Point by charter bus and some take a leisurely sail up the Hudson from New York City on a Hudson Day Line steamer, with Academy buses

nothing more magnificent anywhere in the nation at this time of year than the fall fashion show staged in the Hudson Highlands.

Needless to say, camera bugs have a field day with the description-defying hues and views. One needs a photo to attest to all this autumnal splendor.

Probably the most famous of the West Point tailgate set are a couple of congenial Italians, Ray Lapolla and John Scivoletto, who have been serving up Army home-game cookery for 23 years. It started when Scivoletto's son, Emanuel, entered The Academy. The operator of the Union Hotel in Peekskill just across The River, Mr. Scivoletto brought the sandwiches for his son and his classmates. Ray Lapolla, his friend, helped.

When Lapolla's son, Mike, came to The Academy, the two fathers joined forces again and they've been holding down the refreshment fort in Lot C behind The Stadium ever since.

They had met so many Cadets and Army people while their sons were at West Point that it seemed a great idea to keep the tradition going. Ten years ago

tailgating for Navy's home games didn't really catch on until five years ago.

"But it's growing by leaps and bounds," he says, "and it could lead to additional seats being built into Navy-Marine Corps Memorial Stadium which only holds 28,000."

Rosemary Maersch, Navy's sports promotion director, is very enthusiastic concerning the response of the fans to the new promotion ideas designed to stimulate tailgating.

"We set aside reserve parking areas for various classes, class reunions and other large groups," she says, "and there is a particular expanse of lawn where these groups can pitch large tents."

Another innovation which has served to attract the tailgate set includes the Midshipmen's Pep Band which strolls through the parking areas, inspiring many a spontaneous sing-along and plenty of impromptu dancing.

Tailgating at Navy has tripled over the last three years, to nobody's surprise. After all, it's a soft sell. Everybody loves a party and that's tailgating.

The movie buff's guide to flicking your Bic.



The Fort Apache flick.



The Saturday Night Fever flick.



The Little Caesar flick.



IT WAS A GREAT GAME, BUT IT'S GOOD TO BE HOME.



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And right there, between the cotton balls and the bandages, you find your Alka-Seltzer.®

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UNIVERSITY OF MISSOURI

The University of Missouri-Columbia, located in mid-Missouri almost equidistant from St. Louis and Kansas City along interstate 70, has at least two unique characteristics. It is the oldest state University west of the Mississippi — and is the site of the first School of Journalism (1909) in the nation.

Established on a single campus at Columbia in 1839, the University has grown to four campuses with full-fledged institutions at Rolla, St. Louis, and Kansas City. But Columbia still is recognized as the capstone in the system, offering instruction in 15 colleges and schools, as well as through the Extension service. Such a diversity — from agriculture to medicine, has resulted in heavy impetus on interdisciplinary programs in studies and research.

Recent campus growth is reflected in the completion of a new home for the School of Nursing, a \$6.5 million medical veterinary center, and a \$1 million alumni center. The latter was financed entirely by contributions from alumni and friends.

The traditional Ionic columns, all that remain from the first UMC administration building destroyed by fire in 1892,

are recognized as a campus landmark. Nearby is located a granite obelisk, the original marker over the grave of Thomas Jefferson. It was given to the University by the third president's heirs in recognition of it being the first such institution established in the Louisiana Purchase, consummated during Jefferson's administration.

Campus enrollment is 24,579 students and the academic staff members more than 2500. UMC has a central campus covering more than 800 acres, and is governed by a nine-member Board of Curators appointed by the governor and confirmed by the Missouri Senate.

Chief executive officer of the University system is President James C. Olson. The Columbia campus chancellor is Dr. Barbara Uehling, who assumed her duties on July 18, 1978.



The six Ionic columns that stand in the center of the University of Missouri's quadrangle are all that remain of Academic Hall which burned down in the late 1800s. They have become the symbol of the University.

MISSOURI COACHING STAFF



(Front Row, L-R): Tony Ierulli, part-time assistant coach; Bud Epps, assistant trainer; Zaven Yarialian, defensive backfield coach; Carl Reese, defensive coordinator; Warren Powers, head coach; John Faiman, offensive coordinator; Mark Heydorff, defensive ends coach; Fred Wappel, head trainer. (Second Row, L-R): John Daggett, supervisor of athletic equipment/fields; Dick Beechner, tight ends and special teams coach; Jim Donnan, quarterbacks and receivers coach; Dave Redding, strength coach; Bill Thornton, running backs coach; George Wheeler, defensive line coach; Dr. Glenn McElroy, team physician. (Third Row, L-R): Ron Verrilli, graduate assistant coach; Rick Rhodes, graduate assistant coach; Paul Gadt, graduate assistant coach; Fred Leiding, graduate assistant coach; Jeff Stokowski, graduate assistant coach; Chris Keller, part-time assistant coach; Jeff Moore, part-time assistant coach; Russ Ball, graduate assistant coach; Mike Wade, part-time assistant coach.

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Asst. Head Coach/
Offensive Line



MACK BROWN
Offensive Coordinator/
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DONNIE DUNCAN
Head Coach



LARRY COYER
Defensive Coordinator/
Linebackers



BOBBY ELLIOTT
Defensive Secondary



CLARENCE HUDSON
Running Backs



SPARKY WOODS
Receivers



GERALD O'DELL
Defensive Line



CHARLIE SADLER
Defensive Ends



RON WATSON
Football Coordinator

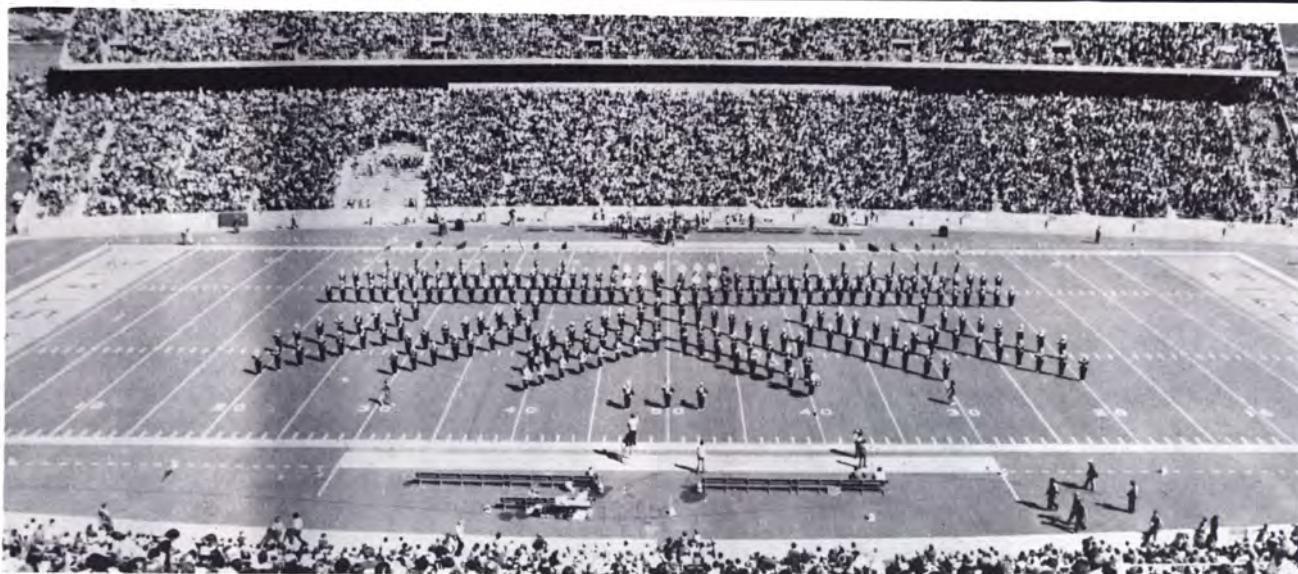
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ISU BANDS PLAN INDOOR EXTRAVAGANZA

On Wednesday, October 28, 1981 at 8 p.m. in C.Y. Stephens Auditorium the Cyclone Marching Band will present the highlights of its 1981 season.

Joining the Marching Band will be the ISU Wind Ensemble, conducted by Joseph Christensen and the ISU Jazz Ensemble I, conducted by James McKinney.

The evening will be fast-moving and exciting. Special features will include the ISU Drum Line, the ISU twirlers and the ISU banners.

General admission tickets are available for \$1.50. Call 294-2436 to order your tickets and obtain more information.



Joe Christensen
Director of Bands



James McKinney
Asst. Director of
Bands/Marching
Band Director



Dan Phillips
Assistant Director
of Bands



David Stuart
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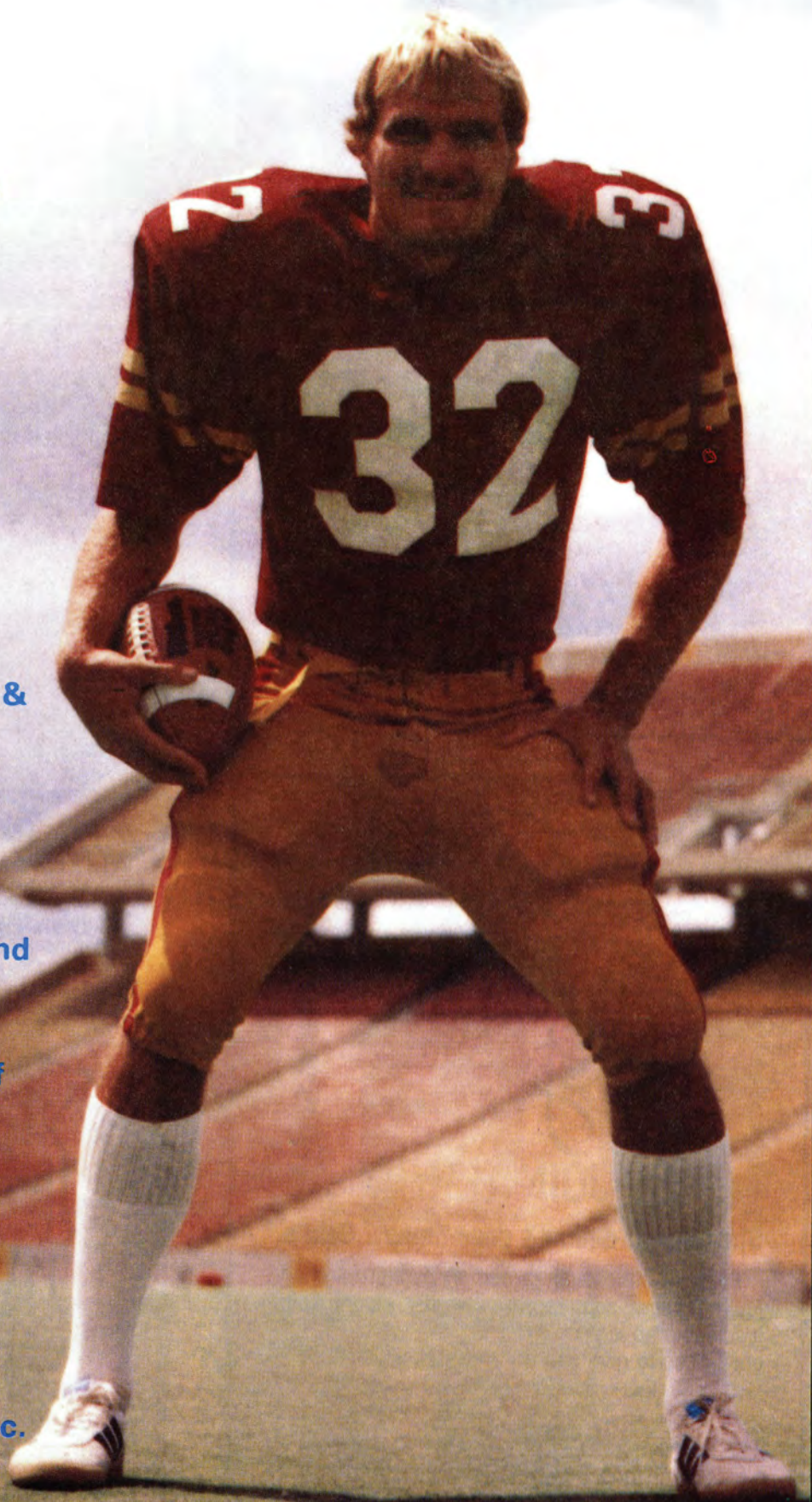
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1981 FOOTBALL SCHEDULE

ALL GAMES 1981

Missouri	5	0	0
Kansas	4	1	0
Okla. State	3	1	0
Iowa State	3	1	1
Nebraska	3	2	0
Oklahoma	1	2	1
Colorado	1	4	0
Kansas State	1	4	0

CONFERENCE GAMES 1981

	W	L	T
Missouri	1	0	0
Okla. State	1	0	0
Nebraska	1	0	0
Iowa State	0	0	1
Oklahoma	0	0	1
Kansas	0	1	0
Colorado	0	1	0
Kansas State	0	1	0



GAMES and RESULTS

SEPTEMBER 5

Kansas 15 Tulsa 11

SEPTEMBER 12

IOWA STATE 17 W. TEXAS ST. 13

Kansas State 31 South Dakota 10

Colorado 45 Texas Tech 27

Kansas 19 Oregon 10

Missouri 24 Army 10

Iowa 10 Nebraska 7

Oklahoma 37 Wyoming 20

SEPTEMBER 19

IOWA STATE 23 IOWA 12

Washington 20 Kansas State 3

Oklahoma State 23 Tulsa 21

Washington State 14 Colorado 10

Missouri 42 Rice 10

Nebraska 34 Florida State 14

SEPTEMBER 26

IOWA STATE 28 KENT STATE 19

Drake 18 Kansas State 17

San Diego St. 23 Oklahoma State 16

Brigham Young 41 Colorado 20

Kansas 21 Kentucky 16

Missouri 34 Louisville 3

Penn State 30 Nebraska 24

Southern Cal. 28 Oklahoma 24

OCTOBER 3

IOWA STATE 7 OKLAHOMA 7

Kansas 17 Arkansas St. 16

Missouri 14 Mississippi St. 3

Nebraska 17 Auburn 3

Oklahoma State 9 North Texas St. 0

Tulsa 35 Kansas St. 21

UCLA 27 Colorado 7

OCTOBER 10

SAN DIEGO ST. 52 IOWA STATE 31

Missouri 58 Kansas State 13

Oklahoma State 20 Kansas 7

Nebraska 59 Colorado 0

Texas 34 Oklahoma 14

OCTOBER 17

MISSOURI AT IOWA STATE

Nebraska at Kansas State

Oklahoma at Colorado

Kansas at Oklahoma

OCTOBER 24

COLORADO AT IOWA STATE

Kansas State at Kansas

Louisville at Oklahoma State

Nebraska at Missouri

Oregon State at Oklahoma

OCTOBER 31

IOWA STATE AT KANSAS STATE

Oklahoma State at Missouri

Colorado at Oklahoma

Kansas at Nebraska

NOVEMBER 7

KANSAS AT IOWA STATE

Oklahoma at Kansas State

Nebraska at Oklahoma State

Missouri at Colorado

NOVEMBER 14

IOWA STATE AT NEBRASKA

Oklahoma State at Kansas State

Colorado at Kansas

Oklahoma at Missouri

NOVEMBER 21

OKLAHOMA STATE AT IOWA ST.

Kansas State at Colorado

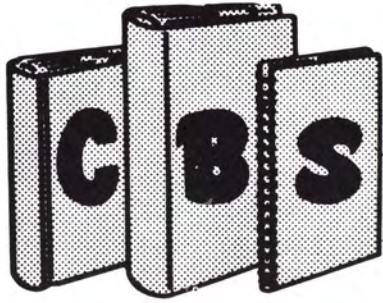
Missouri at Kansas

Nebraska at Oklahoma

NOVEMBER 28

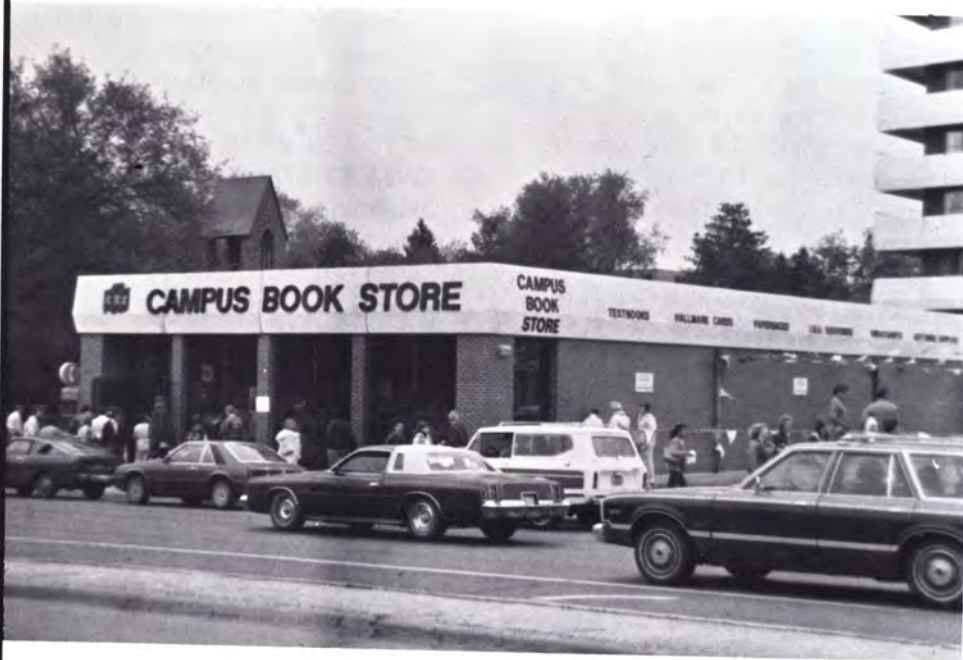
Oklahoma at Oklahoma State





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Gymnasts Open with Intrasquad Meet

Iowa State gymnastics fans will get their first look at the 1981-82 Cyclones at 7 p.m. next Saturday at Hilton Coliseum, as coach Ed Gagnier's squad opens its season with the intrasquad meet.

"There will be some new faces in our lineup," says coach Gagnier. "We have probably one of our finest recruiting classes in years, and it couldn't have come at a better time. We've lost some very good gymnasts."

Gone from the Cyclone squad are four standout all-arounders and a pommel horse specialist. Olympian Ron Galimore heads the list of those all-arounders who will no longer wear the Cardinal and Gold, with Mike Lyons, Tom Hardin and Doug Smidl. Bob Krause has graduated from his pommel horse routine.

"Those five guys covered 25 different positions," said Gagnier.

Not that the Cyclones are totally depleted. Three lettermen return to all-around competition, including junior Yasu Kuniyoshi who is equally strong in every event. Kuniyoshi, who was hampered by a knee injury requiring micro-surgery last winter, was the Big Eight horizontal bar champion as a freshman in 1979. Also returning to all-around competition are senior Dave Smidl and sophomore Brett Finch. Smidl is especially tough in the parallel bar and high bar events, while Finch is a standout in the floor exercise and vault events.

In addition, national high school all-around champion Ricky Atkinson heads a list of three remarkable freshmen, all of whom have good shots at earning a starting berth. Atkinson's specialties are the floor exercise and vaulting, while Gary Griffin of Arlington Heights, Ill. and Mark Bowers of Omaha, Neb. are talented in the parallel bars and horizontal bar. Bowers is a standout on the pommel horse as well.

Senior Dave Machery returns to the lineup in the floor exercise routine, while sophomore Jim Carpenter is expected to crack the top six. Both will also compete in vaulting.



Yasu Kuniyoshi

On the pommel horse, junior Rob Green returns, and will be joined by senior Eric Mattson and talented freshman Monte Hucke of Aurora, Colo.

Senior Joe Pahle and juniors Bob Pole and Tim Lyons give the Cyclones a wealth of experience on the rings, as all three lettered there a year ago. Pahle is equally talented on the parallel bar.

On the horizontal bar, look for senior returnee Lon Lindell, who lettered there last season, and sophomore John Graham.

The Cyclones, who placed fourth in the NCAA meet last spring, finished with a 10-0 dual meet record and stretched their consecutive dual meet win streak to 14. Under Gagnier's leadership the past twenty years, Iowa State has won three NCAA team championships and posted an incredible 166-23-1 record in dual competition. This year's squad looks to carry on that winning tradition.

The Cyclones will compete five times in Hilton Coliseum, beginning with the intrasquad meet following next Saturday's football game

against Colorado. The Japanese National team makes an appearance at Iowa State on December 9, and perennial national powers Oklahoma and Nebraska visit January 23. The Cyclones also host Big Ten entrants Wisconsin and Minnesota.

1981-82 Schedule

Oct. 24	Intra-Squad (7 p.m.)	Ames
Nov. 6-7	Big 8 Invitational	Lincoln
Nov. 27-		
28	Midwest Open	Chicago
Dec. 4-5	Windy City Invit.	Chicago
Dec. 9	Japan (7 p.m.)	Ames
Jan. 17	Northern Illinois	DeKalb
Jan. 23	Oklahoma & Nebraska (2 p.m.)	Ames
Jan. 30	Wisconsin (2 p.m.)	Ames
Feb. 6	Minnesota (2 p.m.)	Ames
Feb. 13	Southern Illinois	Carbondale
Feb. 20	Oklahoma & Nebraska	Norman
Feb. 26	Iowa	Iowa City
Mar. 19-	Big 8	
20	Championships	Lincoln
April 1-3	NCAA	Lincoln
April	USGF Regional	Away
April	AAU Nationals	Away
May	USGF Nationals	Away

IOWA ROAD BUILDERS'

CYCLONE SCOUTING REPORT

Iowa State faces its second unbeaten opponent in as many weeks today as Missouri takes the field as the Cyclones homecoming opponent. The Tigers have roared past five straight opponents this season enroute to a top ten ranking in both the AP and UPI polls.

Mizzou's latest victory was 58-13 mauling of Kansas State in the clubs' big Eight opener last Saturday at Columbia. In that contest, the Tigers took advantage of three Wildcat mistakes early in the game for a 21-0 first quarter lead. Missouri took advantage of six turnovers while quarterback Mike Hyde completed 15 of 25 passes for 202 yards.

Head coach Warren Powers has directed Missouri to a bowl game in each of his first three years, and the Tigers seem headed in that direction again-- despite the fact that the club suffered the biggest losses in the Big Eight Conference.

Missouri's strength is its defense-- especially in the backfield. Tiger defenders have picked off 13 opponent passes this season, with 11 different players snagging at least one errant aerial. And 13 is a magic number for fumbles recovered too.

The Tigers don't have a runner to match Iowa State tailback Dwayne Crutchfield, as leading ballcarrier Bobby Meyer averages just 50 yards per game. The Tigers do, however, possess a pair of excellent pass receivers. Quarterback Mike Hyde has hit tight end Andy Gibler 16 times this season, and flanker James Carver 15 for 270 yards. Carver averages 128 yards per game in all-purpose running and is a threat whenever he returns punts and kickoffs.

But defense is where the Tigers stand out, as pointed out already. Five opponents have managed just 39 points against Missouri, an average of less than eight points per game.

The Cyclones are coming off their best offensive showing of the season in the 52-31 loss to San Diego State. Quarterback John Quinn had his best day as a passer in completing 24 of 44 passes for 291 yards, and tailback Dwayne Crutchfield rushed for 118 yards. Iowa State compiled an amazing 557 yards on the game.



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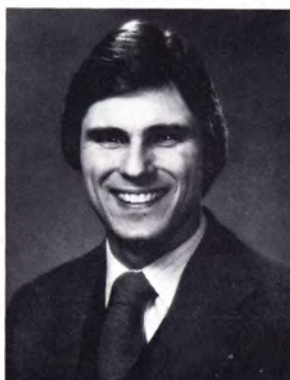
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ARCH STEEL
Academic Counselor

ATHLETIC COUNCIL

Control of the conduct of the Iowa State intercollegiate athletic program is vested in the Athletic Council, a board comprised of faculty, alumni, and students.

The 1981-1982 council includes the following individuals:

Faculty -Irene Beavers, Norman Boyles, Gene Futrell, Bill Hoefle, Rollie Knight, Jordan Larson, James Ruebel, Chris Saccopoulos,

Dahlia Stockdale and John Mahlstede (faculty representative to the Big Eight Conference).

Alumni -John Iverson, Charles Laverty, Barney Simmons.

Students -Annette Ackerson, James Fick, Malvin Warrick.

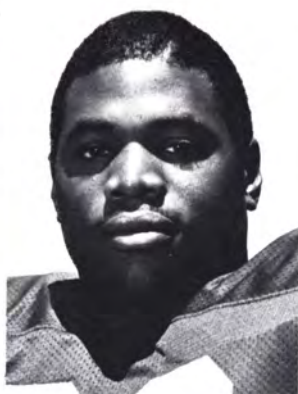
In addition, the director of athletics is an associate member; and the university treasurer is an ex-officio member.

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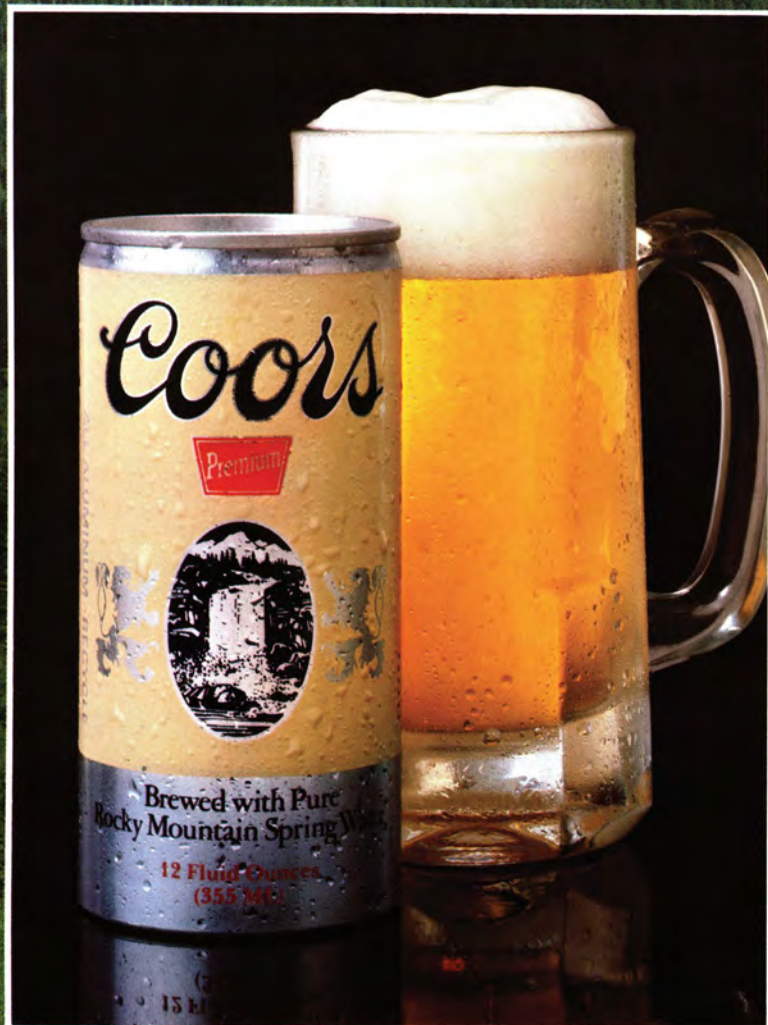
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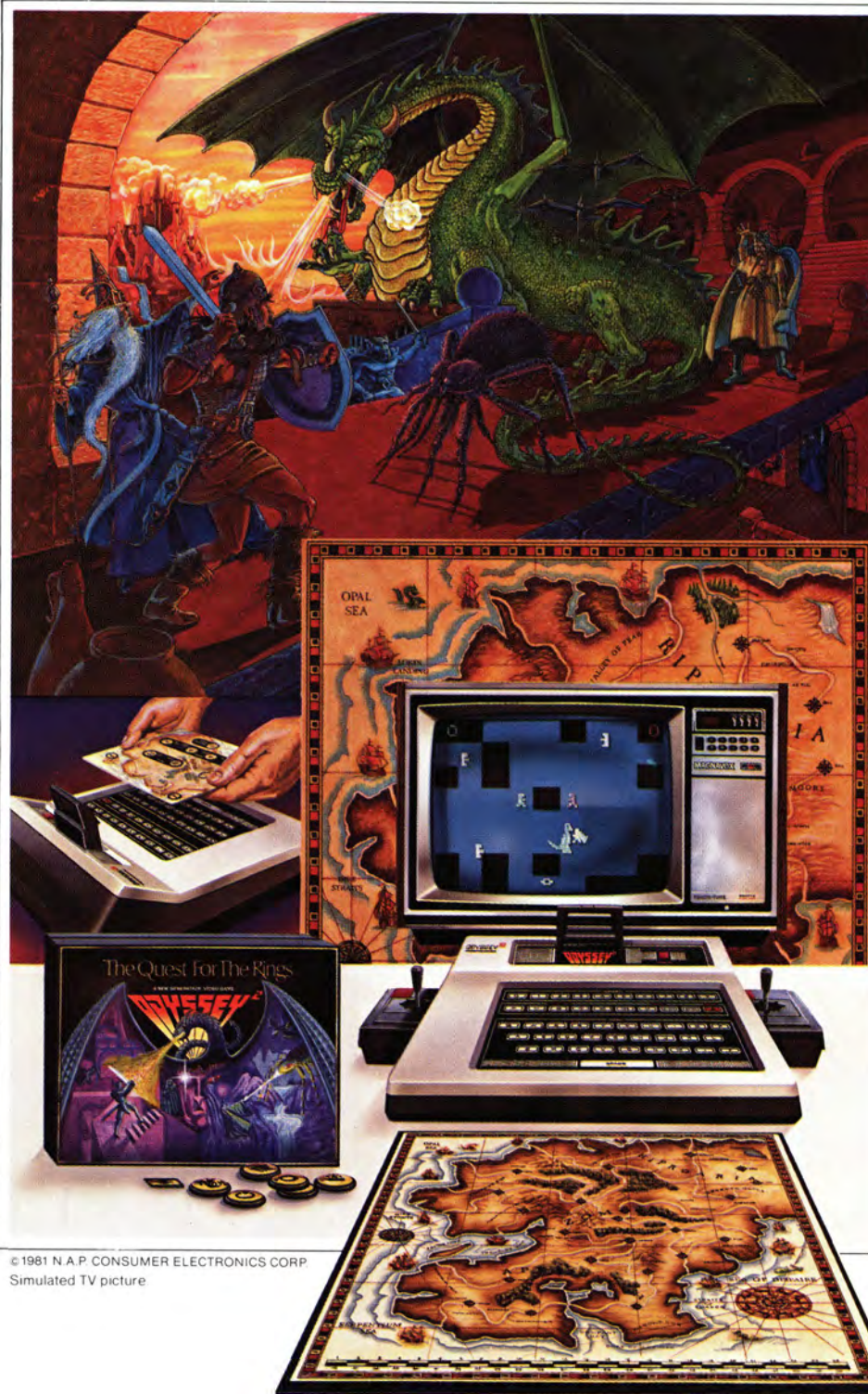
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