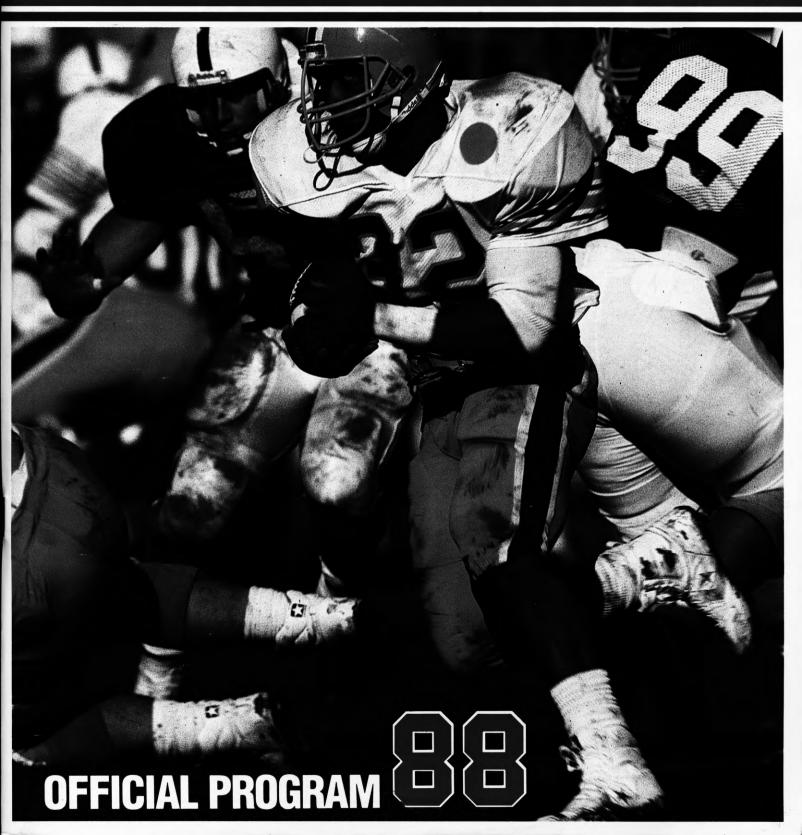


HOMECOMINGOLLEGE ARCHIVES Official Program \$2.00 EDINBORO UNIVERSITY VS. CLARION UNIVERSITY

Saturday, October 8, 1988 O 1:30 p.m. O Sox Harrison Stadium



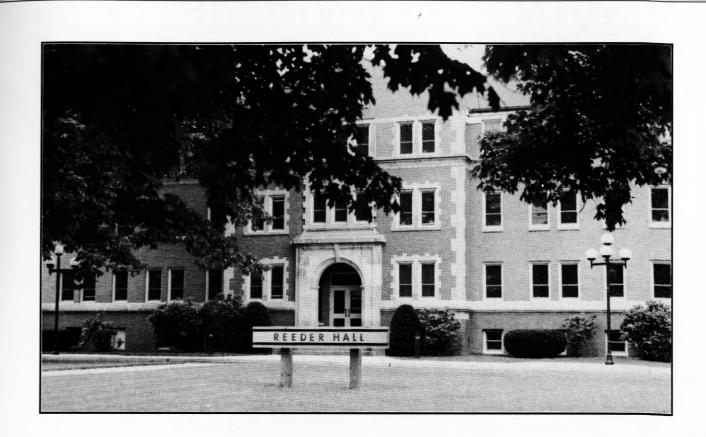


Family fun. Five times a week.

The Cosby Show

NEW THIS FALL! WEEKNIGHTS AT 7 WJET-TV 24 ERIE, PA.

EDINBORO UNIVERSITY



After 125 years of service to the tri-state area, Edinboro experienced its most significant change in history on July 1, 1983, when the College became Edinboro University of Pennsylvania. Founded as a private academy in 1857, Edinboro University has continued its surge to the forefront as one of the leading educational institutions in western Pennsylvania. Situated on a sprawling 585-acre campus in the scenic resort community of Edinboro, the University is within 100 miles of the educational and cultural centers of Buffalo, Cleveland, and Pittsburgh. It is just 15 miles south of Erie, the third largest city in Pennsylvania, and easily accessible from all directions by interstates 79, 80 and 90.

Edinboro has the distinction of being the second normal school established in Pennsylvania and the 12th in the United States. It has grown to more than forty buildings including the 400,000 volume Baron-Forness Library, a modern seven-story structure which serves as a focal point for the spacious campus. Nearly 6,500 students representing almost every county in the Commonwealth, as well as numerous states and foreign countries attend Edinboro. Its tradition of educational service and research is matched by a distinguished faculty, more than two-thirds of whom have earned doctoral degrees.

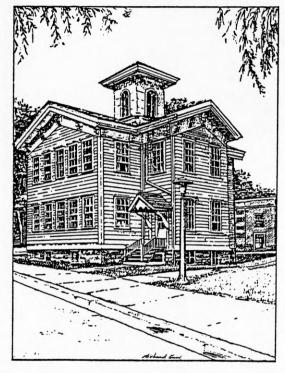
The University now offers more than 100 undergraduate, graduate, and associate degree programs, a diversity unmatched by any other college or university in northwestern Pennsylvania. While seeking to meet the educational needs of its region from both a professional and cultural standpoint, Edinboro now makes contributions in the fields of education, government, environmental improvement, urban and rural problems, crime prevention, and service to business and industry. Recent program developments include those in the high-demand areas of allied health, business administration, communication, computer technology, nursing, and various pre-professional offerings such as law, dentistry, medicine, pharmacy and veterinary science. Numerous student internships provide additional examples of the University's efforts to create a close working relationship with the people it serves while, at the same time, offering students intellectual and career opportunities.

Edinboro has initiated the University Honors Program to provide challenging and enriched learning experiences for academically gifted students. Undergraduate students are encouraged to strive for academic excellence both in their major fields and in other disciplines. Honors students pursue studies that are greater in depth and scope than those required of other undergraduates.

Although the costs for attending Edinboro rank among the lowest in the Commonwealth, over \$12,000,000 in financial aid is available annually to eligible students.

Students are admitted to the University in September or January and are considered for admission on the basis of their general scholarship, nature of secondary program, and SAT or ACT scores.

WELCOME TO EDINBORO UNIVERSITY from the Edinboro University Alumni Association

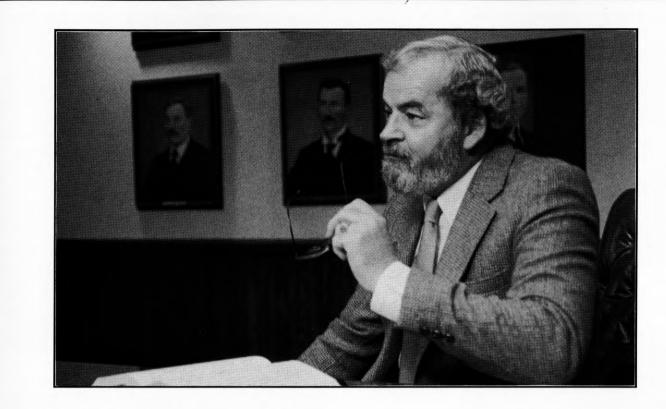


EDINBORO ALUMNI

- * Provide scholarships for 25 students annually.
- * Support Edinboro's athletics and Hall of Fame.
- * Assist in the purchase of modern library equipment.
- * Hold reunions all over the United States.
- * Sponsor Homecoming annual party at the Holiday Inn, Edinboro, Homecoming Eve.
- * Support student recruitment programs.
- * Sponsor the Senior Pig Roast.

For more information, call the Alumni Office at 814-732-2715

PRESIDENT FOSTER F. DIEBOLD



Since his appointment as president of Edinboro University of Pennsylvania on August 1, 1979, Foster F. Diebold has initiated a wide variety of policies and programs designed to complement his desire for an increased level of excellence and quality in higher education.

Noted for his extensive experience in the field of education management, President Diebold previously served as president of the University of Alaska Statewide System. His principal fields of professional interest include ethical issues in higher education, higher education management, budget development and fiscal control, legislative affairs, personnel management and collective bargaining, and international education.

A native of Orange, New Jersey, President Diebold served as president of the University of Alaska from 1977 to 1979. Prior to that, he was executive secretary to the Board of Regents and special assistant to the president of the University of Alaska Statewide System. From 1969 to 1976, he was director of the Division of College Development and Planning at Kean College in New Jersey; and from 1965 to 1969, he was assistant superintendent of the Neptune Township Public Schools in New Jersey.

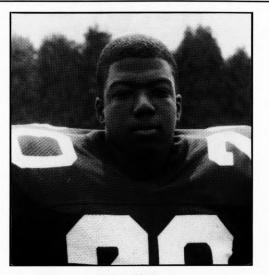
A graduate of Monmouth College, President Diebold holds a bachelor of science in education and a master of arts in educational administration from Seton Hall University. He has met course requirements for his doctorate in education at Rutgers University and is currently enrolled in the Ph.D. program in higher education at the University of Pittsburgh. As vice-chairperson of the American Association of State Colleges and Universities' Committee on Governance, President Diebold has initiated the development of a Code of Ethics Statement for university presidents represented by the American Association of State Colleges and Universities. He has positioned himself to become a contemporary expert in the field of higher education ethics and is frequently called upon to lecture on this subject.

President Diebold also serves as chairperson of the Advancement Committee of the Chancellor's Executive Council (State System of Higher Education). He is a member of the Western Pennsylvania Education Council and the International Association of University Presidents.

Active in the community, the President, among other activities, serves on the Board of Directors of the United Way of Erie County, the Board of Corporators of the St. Vincent Foundation for Health and Human Services, and the Advisory Board of the McMannis Educational Trust Fund. President Diebold is also a member of the Hamot Medical Center Board of Corporators, the Pittsburgh Plate Glass Corporation Scholarship Review Committee, and the Marine Bank Advisory Board.

President Diebold resides in Edinboro with his wife, Patricia, and daughters, Jessica and Stacey.

SCOTS HAVE "HIT MAN" IN MIKE WILLIS



Mike Willis

As an opposing back or wide receiver, you may not see Mike Willis coming, but sometimes you hear him.

He has the perfect disposition for a free safety . . . very aggressive. Mike Willis does not understand half speed or a "thud" scrimmage in practice. He goes all day, the same way, all out, one speed.

"I am a firm believer in the old saying 'you play like you practice'," Willis said. "I know that everytime I go out on the field, I have to play hard to keep my position. There is nothing handed to you here at Edinboro, you have to work as an athlete to earn your position," he added. "The coaching staff told us, you have to practice hard to prove that you can play, and this is OK with me."

Willis, the Fighting Scots' free safety, is just a junior and will be strong All-American candidate before he leaves the 'Boro. To some, he may already be at that level now. "I have only seen him on film during spring ball last year and now during camp, and he may just be the finest defensive back that I have ever seen," first-year head coach Tom Hollman said. "He has a great sense for the football and is a true leader on the field. He hits like a linebacker and has excellent coverage sense for a safety."

Willis came to Edinboro in 1985 from Orlando Edgewater High School in Maitland, Florida. What brought such a great athlete so many miles to play football? "Edinboro's reputation," said Willis. "There were a couple of players from my hometown area who were very successful at Edinboro, and that's where I want to play. I have no regrets about travelling this far to go to school - I'm getting a good education and playing for a good team."

How valuable is Mike Willis to the Fighting Scot football program? The facts do not lie.

After a knee injury kept him out of action for the entire '85 season, Willis was named first team Pennsylvania Conference Western Division in '86 in his initial season with the squad. The Plaid was 7-3, 5-1 in the PC West, and Willis was #2 on the squad in tackles with 77. He recorded 38 solo stops, including one behind the line of scrimmage. He was also credited with one fumble recovery, one fumble cause, three passes broken up, and one interception. He was simply all over the field. During his first year in '86, Willis called the defensive coverages in the secondary, a great responsibility for a first-year player.

"Sometimes you have to make a sight-adjustment when the offense goes into a different formation, so I have to change the coverage to better suit our defense," Willis comments.

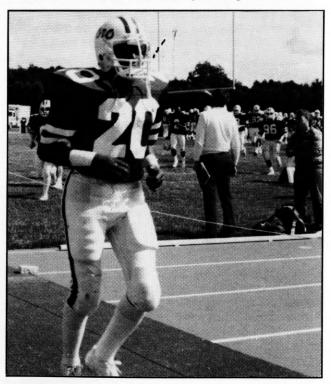
Last year, in '87, Willis returned for what looked like a banner year for the free safety. Through three games last year, the Scots were 2-1 and Willis had already been credited with nearly 40 tackles. In game four, at Slippery Rock, the Scots not only suffered a heart-breaking 36-35 loss, but they also lost Willis for the year. "The knee again," Willis said. "I didn't need surgery, but I was lost for the year. It was pretty tough to take."

How valuable? With Willis in the lineup for the Scots last season, the team gave up just 10 points per game. Without him 31.6 ppg. He may not have been the sole reason for the defensive decline, but it sure hurt to lose a leader like Willis.

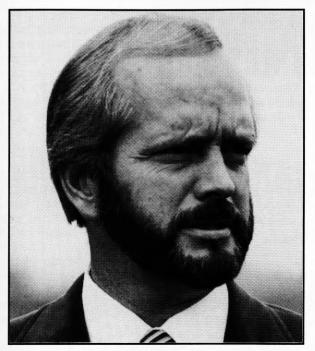
In '88, the "leader" role is back with Willis. "I don't really feel any added pressure," he states. "I am not the type to lead by voice, but instead by my actions. If I go out and play hard in practice and in games, the younger players will see the results.

"As a team, we want to forget about last year, so it is not discussed. Our coaching staff and players know that we have a winning program, and we all plan on doing something about it," Willis said. "This is a new beginning for our ball club, and we are all looking forward to it. There is a challenge ahead for this football team, and we are ready to meet that challenge."

As a person, it is a pleasure to meet Mike Willis, but as an opponent, it is an entirely different story. Listen closely, the "hit man" will be heard from all year long.



ATHLETIC DIRECTOR JIM McDONALD



Jim McDonald

Edinboro University's athletic program was placed under the talented and aggressive leadership of Jim McDonald in July of 1981. Increased emphasis on fund raising to provide a sound scholarship foundation has become his top priority while numerous changes and innovations have also keyed the Scots' athletic program under his direction.

Through his efforts more than 2.6 million dollars has been raised during the past five years. The funds generated by the energetic athletic director's efforts will be used to assist Edinboro's men and women athletes who compete in the Scots fifteen intercollegiate sports.

"EUP has outstanding coaches and facilities. With these ingredients, there is no reason we could not be competitive in the PSAC and Division II."

In addition to maintaining Edinboro's respected winning tradition in intercollegiate athletics, the former health and physical education professor has vastly expanded the University's summer activities.

Forty-four camps were sponsored by the Fighting Scots Booster Club this past summer on the University's campus. Sox Harrison Stadium is the site of the Cleveland Browns vs. the Buffalo Bills annual rookie scrimmage, which has been a yearly mid-summer highlight.

The personable athletic director also introduced Edinboro's Hall of Fame program which has evolved into an annual year-ending event to honor present and past athletes.

McDonald has been at Edinboro since 1962 and for 12 years served as the Fighting Scot basketball coach (1962-1975) and never experienced a losing season while his teams compiled an impressive 181 wins against only 89 losses. During that span, his cagers won four Western Division Pennsylvania Conference crowns, the PC state championship and two District 18 titles that netted trips to the NAIA National Tournament. His teams set 27 University records and made 19 post-season appearances while four of his players were named All-Americans.

Prior to accepting his position at Edinboro, McDonald served as assistant basketball coach in Erie, Pa. He is a 1956 graduate of Bridgeport High School in his home town of Bridgeport, West Virginia.

In 1960 he received a degree in chemistry and physical education from West Virginia Wesleyan College and he also holds a master's degree in health from the University of Buffalo.

As an undergraduate, he set nine school records at Wesleyan and was twice voted both AP and UPI basketball All-American. In 1960, he was the second leading scorer in the United States, averaging slightly over 33 points a game, and led his team to the national basketball tournament in Kansas City, Missouri. He was named to the NAIA's All-Tournament Team in 1959 and 1960.

In 1966, McDonald was selected Area Eight Coach of the Year by the eastern seaboard coaches and that same year was honored as one of the top ten finalists in the Coach of the Year national poll. McDonald's honors also include selection to the West Virginia All-Time College Basketball Team and membership in the West Virginia Sports Hall of Fame. He served four years on the NAIA's All-American selection committee and was chosen by the NAIA to coach an All-American team of NBA-bound cagers who won the Gold Medal in Israel's Hapoel Games.

In addition to his classroom and basketball coaching duties, McDonald was Edinboro's golf coach for 17 years during which his teams won over 40 tournaments and finished as high as third place at the NCAA Division II National Tournament.

As a resident of Edinboro, McDonald has a record of extensive community involvement. He was Little League Baseball director for four years and also held a four-year post as a member of the General McLane School Board. He and his wife, Mary Lou, have three sons - Mark, Mike and Matthew.

BREAKFAST, LUNCH, DINNER, PERKINS.

When you're hungry for a good meal at a good price, think Perkins[®] Family Restaurant. For breakfast, lunch, and dinner, count on Perkins to fill your plate without emptying your wallet.

> 290 Plum Street Edinboro, PA 734-4600

HOURS Sun. - Thurs. 6:00 a.m. - Midnight Fri. and Sat. Open 24 Hours



A LOOK AT THE 1988 SEASON

The scenario is a familiar one for the Edinboro University football team approaching the 1988 season. A new coach, new offensive and defensive systems, and a squad dominated by underclassmen will make a run at the Western Division title of the rugged Pennsylvania State Athletic Conference.

A stiff challenge is ahead for first-year head coach Tom Hollman and his Fighting Scot squad, but do not count them out. A host of skill people return on the offensive side of the ball and the defense has added key personnel to try and fill the holes.

"I understood the challenge when I took the head coaching position." Hollman said. "This is an institution that has a winning tradition in all sports and football has been very successful. As for the '88 season, I feel that we had an excellent spring session with a fine group of athletes and young men. We accomplished what we had to, to prepare us for the fall schedule.

"We play a strong non-conference schedule that should prepare us well for the league play," Hollman added. "The coaching staff, players and I, are well aware of what lies ahead for Edinboro football. Traditionally this program has been a winner and that is where we plan on keeping it."

The 1988 schedule is solid for the Scots, with early tests coming from NCAA Division I-AA opponent Liberty University (VA) in the home opener September 3, followed by a visit from Saginaw Valley State University (MI) on September 10 for Parents' Day.

The Scots will then travel to New Haven (CT) before opening conference play against PSAC champ IUP in Indiana on the 24th. Kutztown will then follow to conclude their nonleague play, before the Plaid plays five consecutive conference games to conclude their 10-game slate. Clarion (homecoming), at Lock Haven, Shippensburg, at California and home against Slippery Rock dot the '88 schedule.

OFFENSE: SKILL POSITIONS

The Scots will be solid at quarterback with the constant development of junior signal-caller Jim Ross and sophomore Hal Galupi. Ross broke school records in attempts and yards passing, while Galupi gained valuable experience down the stretch of the '87 season and will likely push Ross for the top spot.

Ross connected on 147-of-276 passes last season for 1,903 yards and 12 touchdowns. He threw for over 173 yards per game and tossed 13 interceptions in the Scots 11-game schedule. Galupi played in just two games, completing over 50% of his passes for 145 yards and one score.

At runningback, the Scots could be considered one of the best in the league. First-team All-PSAC back Elbert Cole returns for his junior year, and should be better than ever. Cole rushed for 635 yards on 140 attempts last season, with eight touchdowns and a 4.5 yard per-carry mark. He was also the teams' leading pass receiver, grabbing 24 receptions for 251 yards and a score. The Plaid will obviously rely on Cole a great deal in '88.

Looking to take some of the heat off of Cole will be speedster Chris Conway. The Oil City, PA, sprinter is a gamebreaker, evidence of his totals in limited action last year. In just nine games, behind Cole and now-graduated Floyd Faulkner, Conway rushed for 185 yards on 45 attempts and

© 1986 Perkins Restaurants, Inc.

one score, while also caught 14 passes for 140 more and two touchdowns.

The Plaid will also have great skill at the wide out positions. Seniors John Toomer and Cleveland Pratt return for their final season. Toomer averaged 16.5 yards per catch last season with three touchdowns, while Pratt caught 20 passes for 245 yards and one score. Pratt, the PSAC champion in the 100 meter dash, will also return kickoffs for the squad. In '87, Pratt was the fifth in the country in kickoff returns, averaging 26.9 ypr on 26 returns, including a 100-yard score against Lock Haven.

OFFENSIVE LINE

The Plaid will have to make improvement here if they are going to contend for the title. The Scots ran for just 123.2 yards per game last season, a total much lower than norma for the run-oriented squad. All-conference selection Marl Courtney will return at tackle to anchor the front, as will cen ter Joe Brooks, guard Dean Gallagher and tackle Ron Hainsey A year of playing together will likely help this group Tightend Brian Ferguson (11 catches for 164 yards, 1 TD) wil also return up front. Ferguson and Randy McIlwain will hol down the TE spot.

KICKING GAME: PLACEKICKING

Sophomore Darren Weber, from nearby Erie, PA, wi likely win the honors here. His 52-yard field goal last yea against IUP is a school-record and is tied for second on th all-time PSAC list. For the year, Weber connected on 7-of-1 FG tries and 25-of-26 extra points for a 46 point total, secon best on the squad in '87.

DEFENSE: DEFENSIVE LINE

The Scots will have to find the personnel up front to co tain the running game. Last season the Plaid surrendered to many yards on the ground to contend. Second team All-PSA selection Mark Jozefov will return at tackle to anchor the int rior. Jozefov recorded 69 tackles last season as a freshman a led the squad in tackles for loss with nine. Defensive end B Clark, recovering from ankle surgery in the off season, w also return to the front. Clark tallied 68 stops in '87.

DE Kurt Schmidhamer, who played in just seven gam last year as a frosh, could be the Scots' force up front this se son. He recorded 33 stops and recovered a fumble in his lim ed action last season.

LINEBACKERS

Could be the strong point for the Scots' defense in ' with the return of second team All-Conference performer Donahue. As a freshman last season Donahue was outstandi for the Scot defense. He led the squad with 150 tackl including 79 solo stops. He had a pair of interceptions, t sacks, seven tackles for loss, a fumble recovery and five pa es broken up to his credit. The Scot defensive plan may be move Donahue to the outside linebacking spot.

OLB John Williams, who has been in the Scot line since his freshman year, will also return to the LB cre

Sitting on the sidelines?



Name: Edinboro University of Pennsylvania (1857) Location: Edinboro, Pa. 16444 President: Foster F. Diebold (Aug., 1979) Enrollment: 6,900 Colors: Red and White **Conference: Pennsylvania State Athletic** Affiliations: NCAA Division II Stadium: Sox Harrison (4,500) Athletic Director: James K. McDonald Athletic Depart. Phone: 814-732-2776/2778 Sports Information Director: Todd V. Jay Sports Information Phone: 814-732-2811 Head Coach: Tom Hollman (Ohio Northern, 1968)

Williams registered 66 tackles in '87, including a pair of sacks. He also was credited with one interception, four passes broken up and one fumble caused.

The Scot coaching staff recruited this position very heavily for the upcoming season and should likely field another quality freshman to fill the void. Veteran Larry Wanat, 14 stops in five games, will also contend for the final linebacking spot

SECONDARY

A major loss to the Plaid defense last season was the loss of safety Mike Willis, when he went down with injury against Slippery Rock. The Scot defense gave up an average of just ten points per game with Willis in the lineup last season, as compared to 31.6 ppg with him on the bench. A junior this season, Willis was tabbed first-team All-PSAC in '86.

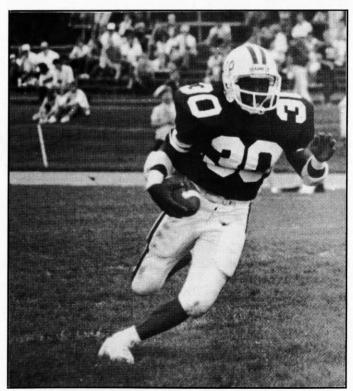
Seniors Mikel Green (42 tackles) and Claude Webb (18 tackles and two interceptions) will also return to the defensive secondary. If there is a veteran area on the Fighting Scot squad it is the secondary.

KICKING GAME: PUNTING

The Scots will have to replace first team All-PSAC punter Mike Raynard who has transfered. The position remains wide open as the Scots enter the 1988 camp in August.

SCOUTING THE SCOTS

Seasons, Overall Record: First Press Box Phone: 814-732-2749 **Team Trainer: George Roberts** 1987 Record: 3-8, Conference: 1-5 Assistant Coaches: Scott Browning, Paul Dunn, Dan Gierlak, Mark Niswonger 1988 Team Captains: TBA Lettermen Returning, Lost: 33/8 Starters Returning: 16 Team Strengths: Running Backs, Wide Receiver Team Question Marks: Linebackers, Defensive Line **Basic Offense: Pro-Set Basic Defense: 4-4**



#30 Elbert Cole (halfback) 1987 1st Team PSAC Western Division

HEAD COACH TOM HOLLMAN



Tom Hollman

In January, Edinboro University hired Tom Hollman, Athens, Ohio, as its eleventh head football coach in the school's history. Hollman comes to Edinboro from Ohio University, where he was the defensive coordinator for the past three seasons.

"I am very excited to be here, " Hollman commented. "I have been very impressed with the people I have come in contact with here at Edinboro University. I am looking forward to having the opportunity to run a solid football program."

"As a coach, I have been fortunate to coach at many different levels, from high school to Division I. The Division II level here at Edinboro is very appealing to me in relation to my career goals. It is a great feeling to be a head coach at this level."

"I feel one of the most important things about football on the Division II level is to make it fun for the players involved. My initial goal for this team is to make football an enjoyable environment for the team and coaching staff," Hollman added.

Hollman's educational background begins with a high school diploma from Memorial High School in St. Mary's, Ohio, followed by his undergraduate degree in education from Ohio Northern University in 1968. Three years later Hollman received his master of science degree in education from Xavier University in Cincinnati, Ohio.

While at Ohio Northern, Hollman was a three-year starter for the football team and a two-way performer as a defensive back and offensive end during his junior and senior years. He holds the school record with 13 career interceptions and earned All-American and All-District honors during the 1966 and 1967 seasons. Hollman also lettered in baseball for three years during his stay at Ohio Northern.

A chronological look at Hollman's coaching career begins in 1968 as an assistant coach at Sidney High School in Sidney, Ohio. From there, Hollman moved on to Greenville High School in Ohio where he became head coach from 1971-73. His Greenville squads posted an impressive 26-2-2 mark during his three-year stay.

Hollman then moved on to Fremont Ross High School as head coach for the 1974 and 1975 seasons, where his squad recorded 15 wins against three setbacks and two ties. Fremont was the Buckeye Conference champs in '74, unbeaten at 9-0-1.

In '76, Hollman moved on to the collegiate ranks where he was the defensive coordinator for his alma mater at Ohio Northern University.

The following year, Hollman accepted the head coach position at Wooster College (OH) and guided his squad to the best four-year record in the school's history (24-11-1).

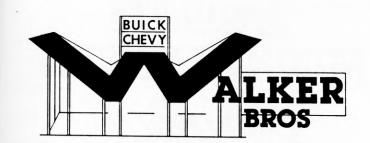
In 1981, Hollman took an assistant coaching spot with Ball State University which he held through the '84 campaign. Then, beginning in 1985 Hollman held the defensive coordinator position at Ohio University.

Looking ahead to the 1988 football campaign, the Scots will return a wealth of talent at the skill positions, hoping to improve on their 3-8 slate of a year ago.

"It has been a very comfortable transition for me," Hollman added. "I have found the community to be supportive and the administration is giving me every opportunity to be successful here at Edinboro," he concluded.

GOOD LUCK SCOTS

See us for all your automotive needs!





MAKE YOUR BEST DEAL On any new or used car by November 30, 1988 then present this coupon for an additional

\$100.00

Only one coupon accepted per car -

Present This Coupon By November 30, 1988

Receive **\$5.00** Off PA STATE INSPECTION - Other Parts and Labor Extra - One Coupon Per Car

Coupon _____

Coupor

New Buicks New Chevys New Chevy Trucks Used Cars Leasing Rentals Service Parts + Full Body Shop

> Present This Coupon By November 30, 1988

10% Off

ANY PARTS OR SERVICE

- One Coupon Per Customer - Body Work Excluded

- Not Useable With Any Other Special

Coupon



UCR & VIDEO RENTALS \$1.49+tax Tapes Per Day Free Membership

FULL SERVICE **SUPERMARKET**

Groceries Meat Dept. **Produce Dept.**

Deli Dept. "Want to Try Some - Just Ask"

Bakery

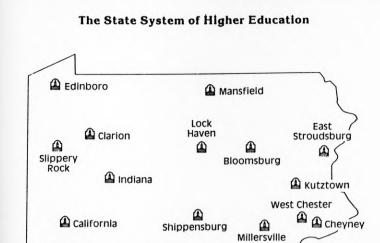


• EDINBORO 606 ERIE STREET LOCALLY OWNED & OPERATED BY ART SMALTZ OPEN DAILY - MON. thru SAT. 8 A.M. to 11 P.M. OPEN SUNDAY 9 to 6



Benefits Senior Citizens

THE PENNSYLVANIA CONFERENCE



1987 ALL-CONFERENCE TEAM

FIRST TEAM - OFFENSE		
Position		Player
Tight End	(1)	Terry O'Shea
Tackles	(2)	* Tim Grove
		Mark Courtney
Guards	(2)	Larry Wiesenbach
		Scott Parker
Center	(1)	Jerry Fedell
Wide Receivers	(2)	* Tony Trave
	(-)	Ed Alford (Tie)
		Ron Urbansky (Tie)
Ouarterback	(1)	Doug Emminger
Running Backs	(3)	* Greg Paterra
	(0)	Steve Girting
		Elbert Cole (Tie)
		Bob Plummer (Tie)
Placekicker	(1)	John Sandstrom
	(-)	voin buildstoin
FIRST TEAM - DEFENSE		
Down Linemen	(4)	* Lou Weiers
		Tom Kerr
		Glen Richards
		Paul Thompson
Linebackers	(4)	 Troy Jackson
		Ken Raabe
		Kevin McMullan
		Mike Stephany
Secondary	(4)	John Besic
		John Peterman
		Darren Cottrill
		Sanford Gunn (Tie)
		Donovan Wright (Tie)
Punter	(1)	Mike Raynard

PSAC-West "Player of the Year" - Doug Emminger, Clarion PSAC-West "Coach of the Year" - Frank Cignetti, Indiana PSAC-West "Rookie of the Year" - Sam Mannery, California *Denotes Unanimous Choice by voting of PSAC West coaches

WATCH FOR OUR NEW 10,000 FT EXPANSION!

Eastern Division Bloomsburg Univ. **Cheyney University** East Stroudsburg Univ. Kutztown Univ. Mansfield Univ. Millersville Univ. West Chester Univ.

Western Division California Univ. Clarion Univ. Edinboro Univ. IUP Lock Haven Univ. Shippensburg Univ. Slippery Rock Univ.

University	Ht.	Wt.	C1.
California	6-4	230	Jr.
Slippery Rock	6-1	285	Sr.
Edinboro	6-3	230	Jr.
Clarion	6-0	230	So.
Indiana	6-2	229	Jr.
Clarion	6-2	265	Sr.
Indiana	6-2	220	Sr.
California	5-9	165	Sr.
Clarion	6-3	190	Jr.
Clarion	5-10	175	Sr.
Slippery Rock	6-0	205	Jr.
Indiana	6-2	224	Jr.
Edinboro	5-9	175	So.
Shippensburg	6-0	205	So.
Indiana	6-1	179	Jr.
Clarion	6-2	244	Sr.
Slippery Rock	5-11	215	Sr.
California	6-1	235	Sr.
Indiana	6-2	232	Sr.
Indiana	6-1	222	Sr.
Clarion	6-0	203	Sr.
Indiana	6-0	213	Jr.
California	6-2	205	Jr.
Clarion	6-0	190	Sr.
Clarion	5-10	190	Jr.
Indiana	6-0	185	Jr.
Shippensburg	6-3	185	Fr.
Slippery Rock	6-3	205	So.
Edinboro	6-2	200	So.

Maybe it's time you had one for your telecommunications system.

Imagine what it would look like if a football team decided to "wing it" out there on the field without a game plan. It would look pretty silly, wouldn't it?

Well, that's exactly what many companies do when it comes to planning and designing telecommunications systems. The results are costly.

That's where we come in to play. You see, we can show you the most cost effective way to handle your information. No matter how unusual your needs are. In fact, we're the telecommunications consultant to the Super Bowl and a number of NFL teams. We provide dozens of communication systems that enable the press to get their stories out, spotters to talk with their coaches, and stadium security to talk to each other.

If we can do all that, just think of what we can do for you.

Isn't it time you had a game plan for your telecommunications system? Get in touch with us. Your GTE Account Manager will be glad to help you draw one up. Call 1-800-662-9700.

The smart business call.



The Punter

ACE IN THE HQLE

he punting game is so important in college football that head coaches often assume the respon-

sibility for coaching punters, even though they usually leave position coaching "There are just

specific to assistants.

"There are just are decided by the Earle Bruce, who punter, Tom Tupa, at Ohio State last season. "With Tom, we out-punted teams by at least seven to 10 yards every game, sometimes more. He did it all. If we needed to kick out of our end zone, he'd get a good one. If we were inside the 50, he could put it out in the corner, so we'd have good field position when we got the ball back."

"I think the kicking game is 30 to 33 percent of the total game," said University of Mississippi coach Billy Brewer. "It's what I call hidden yardage. It can mean the difference in three to four games a year. I've coached at three schools in three conferences, Southeast Louisiana and Louisiana Tech as well as here, and I've had conference-leading punters at each school. That's how much importance I put on the punting game."

Ole Miss has had two of the nation's best in recent years—Bill Smith, 1983-86, and Jim Miller, 1976-79.

"In 1984, when we had Bill Smith, we put all our best athletes on defense and relied on our defense and kicking game to win games," said Brewer. "I figured that if we could get our offense the ball at around the 50, we had a pretty good chance of getting at least three points on the board.

"I remember one game in particular, against Southern Mississippi. Bill was kicking out of the end zone one time and kicked it 92 yards. His next punt was for 77. It was just unbelievable. We still lost the game, 13-7, but if it hadn't been for his kicking, I think it would have been something around 38-7." Last season emphasized the importance of the kicking game for by Glenn Dickey, San Francisco Chronicle

Brewer, in a negative way: His punter, Charles Childers, broke his ankle playing softball in the summer and punted only half a season. "He had lost a lot of leg strength," said Brewer, "and I think we lost some games because our kicking game wasn't strong."

Steve Mariucci, an assistant who handles the kicking game for the California Golden Bears, points out another reason the punt is so important: "We punted 72 times last season, which is more than we ran any other specific play, whether it was a pass or run.

> "We have a saying: 'Make them go 90 yards.' If you look at the national statistics, fewer than 10 percent of the touchdowns come on drives that start inside the 10. Of course, it doesn't always work; USC went 98 yards for a touchdown after Scott Tabor hit an 89-yard punt in our game last fall. But on the average, you're way ahead if your punter can put the ball down inside the 10."

How do you coach punters?

"Punters are usually more disciplined than other players," said Mariucci, "because they have to work so much on their own. I'll work with our punter before and after practice, but unless we're working specifically on punts and punt returns, I don't work much with him during the practice itself.

"I believe in having a fresh punter all year, so we restrict the amount of actual kicking he does in practice. So, a punter will practice a lot of things—like dropping the ball or taking the snap from center—without actually kicking the ball. He'll work on stretching exercises and running. We might have him work on our pool drills, running in the pool. That's both conditioning and stretching, and it isn't a strain on the leg.

"When he kicks, there are three basic types of punts he practices. The first, which is used probably about 50 percent of the time, is the straight punt with a high hang time, to give our punt-coverage people time to get downfield. The second is the 'sky kick,' which we use inside the 50, kicking it as high as possible and putting it down around the 10. The third is the twostep kick out of the end zone, because you often have less space available on that kick."

continued

ACE IN THE HOLE continue

It was much easier for Bruce coaching Tupa-or so he says.

"When Tom came to us," said Bruce, "he was already an accomplished punter. Mostly, I just tried not to screw him up. Once in a while he'd get in a minor slump. He'd be coming across the ball instead of just kicking straight away. But that was easy to correct."

But, said Bruce, there are two specifics, no matter who the punter is.

"The drop is probably the most important thing in punting. If you get a good drop and good explosion with your leg, you're going to have a good punt. And timing is vital. If you get the kick off in two seconds, you're not going to have it blocked. If you get out to 2.3 seconds, well, you're going to get some blocks."

What kind of player do coaches look for in a punter?

"We look for a bigger guy, 6-2 or bigger," said Mariucci. "He's a bigger target for the snap from center, and he has a longer leg, which usually means more potential for distance.

"We're looking for an athlete. He has to be able to catch the ball, for one thing, and react well if it's a bad snap, high, low or to the side. We like to have the ability to run a fake punt, or have the threat of it at other times. Tabor, being a former quarterback [high school], was perfect in that role.

'We're looking for a guy who can handle pressure well. He has to be able to kick effectively after receiving a bad snap, and he has to be able to handle punting out of the end zone, where there's usually less room and the punter is under pressure to really get the ball out of there."

"The thing I look for is consistency," said Brewer. "If your punter is kicking 40 yards every time, with no return, you can live with that. Of course, you like to have him kicking even farther-but with consistency. You want a two-step kicker, if possible. A lot depends on the snapper. You want him to get the ball back there in 1.7 seconds, and then, if your punter can hang it up for between 4.2 and 5.5 seconds, you're in business."

To Bruce it was, again, simpler: His model is Tupa.

"We got a tip on him early from some alums who watched him in high school,' said Bruce. "He was an option quarterback on a team that won the state championship, and the championship game was played in our stadium, so we had a good chance to take a look at him. Once I saw him, I knew I had to have him.

"He's a great athlete. In high school, he was a good baseball and basketball player as well as a good football player. He was a good passer, and he could run a little. If you needed him to play quarterback, he



The nation's leading punter in 1987, Ohio State's Tom Tupa could punt for distance or accuracy.

could do that, too. He had four good years for us, not just one. He was great as a freshman, fell off just a little in his sophomore and junior years, and then came back to have a great senior year."

To hear Bruce talk, Tom Tupa should have worn a big S on his uniform, instead of Ohio State. "For most punters," he said, "wind can be a problem because it holds the ball up. But Tupa was so strong, he could punt right through the wind."

The trend has been to split the kicking duties, having separate punters and placekickers.

'We prefer to split punting and placekicking, because we think a punter can do better if he spends all his practice time on his specialty," said Mariucci. "It could be the difference between a punter averaging 41 yards or 43."

Brewer had an interesting thought on that subject. "Bill [Smith] was both the punter and placekicker," he said. "I think that hurt him, but doing both may even help a kicker who's a soccer-style kicker. If your kicker is a conventional kicker, toe down, ankle locked in place, he's doing something totally different from punting. But the soccer style, kicking the ball on the instep, helps improve leg speed."

Years ago, punters worked on what was called "coffin corner" kicking, trying to put the ball out inside the 10. You see much less of that these days, as punters often try sky kicks, putting the ball down inside the 10, but in the playing field.

"We also practice some corner kicking," said Mariucci, "but we don't usually use that in a game. We think we can get better results with the sky kick. With that kick, you have the possibility of the returner fair catching at the 10, which means we win the battle. You have the possibility of a fumble, which we could recover, which means we win the battle. If the returner lets it bounce, we have a chance to down it inside the five, so we win the battle. It's a no-lose situation for us. A corner kick eliminates the chance of a fumble, and it's also possible that the punter could hit it wrong and kick it out at the 25.

"Of course, you have to have a punter who can kick it that way and is willing to give up yardage. A lot of guys just kick their regular way and the ball goes into the end zone. They get yardage, but it's inflated and it doesn't help their team. Scott [Tabor] was really good about giving up yardage. In two years he had 38 kicks inside the 20, and 22 last year."

"I like both the pooch kick [sky kick] and the corner kick," said Bruce. "It depends on your kicker. Tupa liked to kick it out inside the 10, and he could do that. But we practiced the pooch kick a lot, too.'

Recruiting a punter can be tricky.

"When you're recruiting, you look at the stats, but only as a beginning," said Mariucci. "High school stats, especially, can be very deceiving because high school players often don't field punts, so you'll get a roll that doesn't tell you how far the punter actually kicked it. You get high school punters with 47- to 48-yard averages. Well, even the pros don't kick that far.

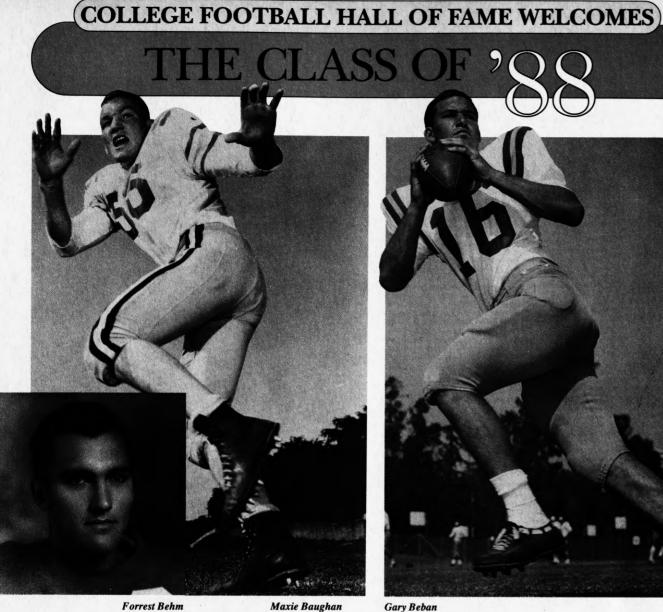
"So, we chart every punt of a kicker we're recruiting, where it landed. If possible, we scout the games of a punter, but if we can't do that, we use film and video."

"I try to scout every kicker personally," said Brewer. "With the recruiting restrictions we have, you can't do it in games unless a team gets into the playoffs, so we take videos. But after that, I still like to see the kid in practice, because the video might be dark, or you might not be able to judge hang time.'

All of which suggests that the punting game is just too important to leave to chance.



America's largest selling imported beer. SATISFY YOUR THIRST FOR THE BEST.



Maxie Baughan

axie Baughan, Bubba Smith and Lee Roy Selmon are among a group of former collegiate stars named this year to the National Football Foundation's College Football Hall of Fame. The Class of 1988 includes 11 past All-Americas and three coaching greats.

Formal induction ceremonies will be held at the 31st annual Hall of Fame Awards Dinner on Dec. 6 at the Waldorf-Astoria Hotel in New York City. The Hall of Fame is located at Kings Island, Ohio.

Maxie Baughan is regarded as one of Georgia Tech's all-time greats. At 6-1 and 212 pounds, Baughan played offensive center and defensive linebacker, setting a school record for most tackles in one season, 124. After graduating in 1959 with a degree in industrial management, Baugh-

an played pro football for 12 years, coached for two years at his alma mater. and then moved back into the pros as a coach for the Baltimore Colts and Detroit Lions. Currently, Baughan is the head coach at Cornell University.

Heisman Trophy winner Gary Beban quarterbacked Tommy Prothro's UCLA Bruins from 1965-67. He still ranks second in Bruin career total offense, with 1,257 yards rushing and 3,940 yards passing. Beban participated in several pressure-packed contests, including one against rival USC, when he threw two touchdown passes in the last four minutes to lead the Bruins to a 29-16 victory. Beban is currently an executive vice president for Coldwell Banker in Chicago and an active UCLA fund-raiser.

After suffering a severely burned right leg as a child, Forrest Behm overcame

the odds and helped lead Nebraska to a Big Six title and a Rose Bowl appearance in 1941. Behm was unable to compete in athletics until late in high school and did not regain the full use of his leg until his freshman year as a Cornhusker. At 6-4, 220 pounds, Behm never missed a game in three seasons. He was an A student and class president. After graduating from Harvard Business School in 1941, Behm served in the Army during World Ward II and later joined the Cadet coaching staff. Behm held management positions with Corning Glass Works for 39 years and after retiring was called back into service with Corning as Director of Quality for the Management Committee.

Martin Below was an All-America tackle for Wisconsin in 1923. A native of Oshkosh, Wis., Below was an all-state continued

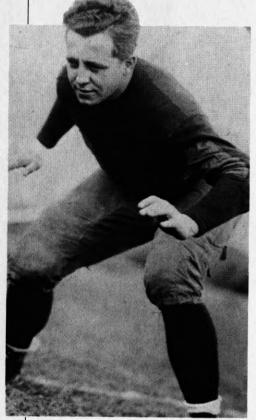




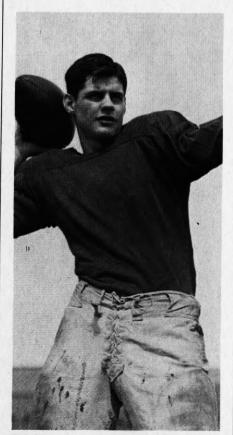
If you don't feel it, you don't have Clarion. The cleanest, purest, most realistic sound experience man can achieve. Perfected daily since Tina was tiny.

SAX. BY CLARION.

THE CLASS OF '88"



Martin Below



Bob Chappuis

high school football player, and a standout in basketball, baseball and track. After his freshman year at Wisconsin, Below served in the Army in World War I. He was active in business, civic and alumni affairs in Chicago for many years prior to his death in 1984 at the age of 86. Below will be inducted into the Hall of Fame in a special ceremony this fall on the Badger campus. You could say that **Bob Chappuis** did it

You could say that **Bob Chappuis** did it all for Michigan. He led the Big Ten in rushing in 1946, captured the passing crown in 1947 and led the league in total offense for both seasons. He was voted the Rose Bowl MVP in a 49-0 whitewash of USC. Chappuis began his career at Michigan in 1942 before entering the Army Air Corps in World War II. After a professional career with the Brooklyn Dodgers and Chicago Hornets, Chappuis worked at the Central Soya Company for 25 years, serving as vice president for the last 13. He now heads his own management consulting firm in Ft. Wayne, Ind.

During **Darrell Lester's** three-year career at TCU, the Horned Frogs went 29-7-1. The bruising 6-4, 220-pound center was TCU's first two-time All-America. After graduating in 1936, Lester captained the College All-Star team in Chicago. He then went to work for General Mills and later owned his own food brokerage business in Houston, where he was active in getting the Bluebonnet Bowl started. Lester is now retired.

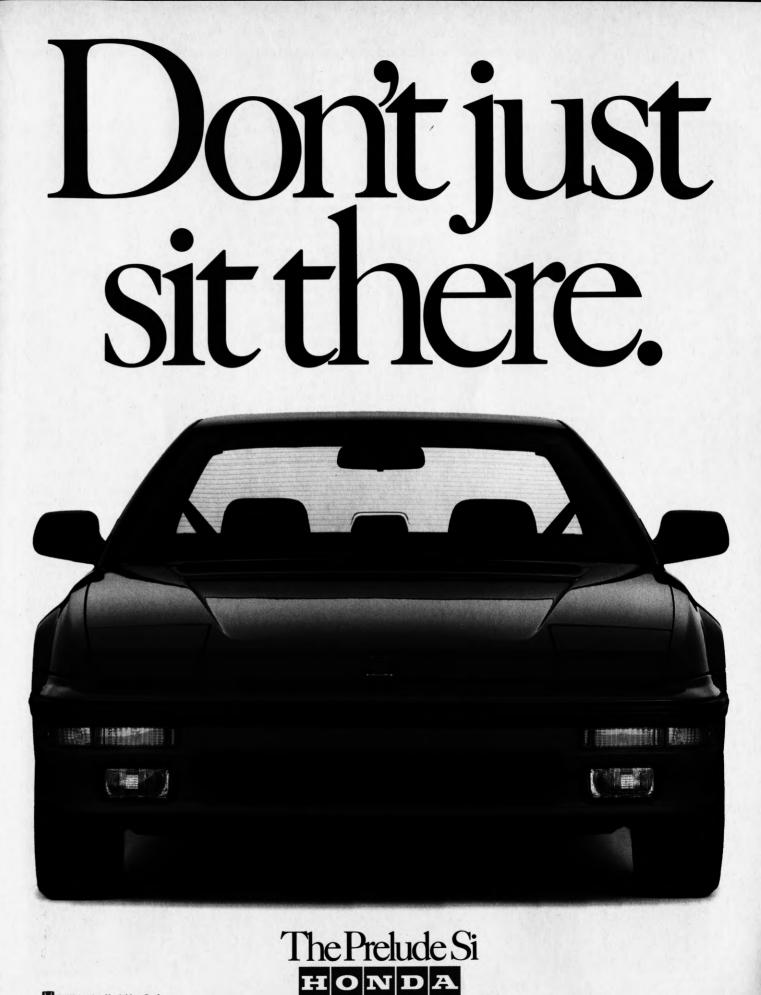
John McKay coached the USC Trojans to four national championships (1962, 1967, 1972 and 1974) and nine Pac-8 Conference titles. McKay developed such players as Mike Garrett, Ron Yary, Lynn Swann and O.J. Simpson, who preceded his coach into the Hall of Fame. As a player, McKay helped Oregon gain a Cotton Bowl berth in 1948. He then served as an Oregon coach for nine years before taking the helm at USC. After compiling a 127-40-8 record, McKay resigned to coach at Tampa Bay of the NFL.

A coach at Purdue University for 23 years, **Jack Mollenkopf** compiled a record of 84-39-3. Against archrival Notre Dame his Purdue teams were 10-4. And against Indiana for the Old Oaken Bucket, the Boilermakers were 11-2-1. Mollenkopf was also a successful high school coach in his native Ohio, winning six city championships and three state titles before moving on to Purdue. Mollenkopf died in 1975. He will be inductcontinued





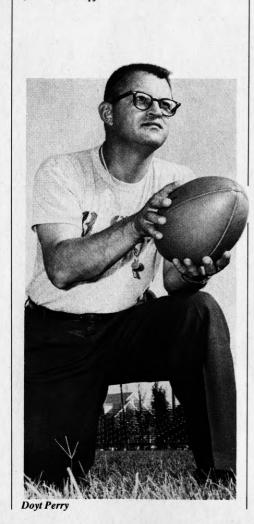
John McKay



THE CLASS OF '88"



Jack Mollenkopf



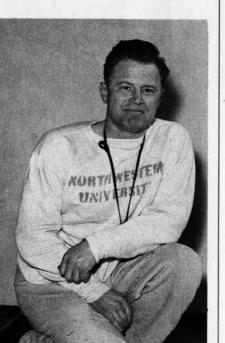
ed into the Hall of Fame this fall in a ceremony on the Purdue campus.

With a 10-year winning percentage of .855 (77-11-5), **Doyt Perry** of Bowling Green was one of college football's most talented coaches. Not only did his teams win five Mid-American Conference titles, but Perry also developed such outstanding coaches as Bo Schembechler of Michigan and Bill Mallory of Indiana. Perry began his coaching career by serving four years as line coach of Woody Hayes' Ohio State team. In 1965 he retired to become athletic director and led the effort to modernize the Bowling Green sports facilities. The football stadium is named in his honor.

In addition to winning All-America acclaim in football, Northwestern's **Jack "Tarzan" Riley** was a two-time NCAA wrestling champion and captained the title-winning rowing crew. The 6-2, 218 pound Riley played tackle for the Wildcats from 1929-31. After graduation Riley wrestled professionally and played for the Washington Redskins. He later served in the Marine Corps as a major in the South Pacific during World War II. Riley organized the Riley Drilling Company, which leased, prospected and developed oil and gas properties.

Florida State's first College Football Hall of Fame electee is **Ron Sellers**. He set NCAA records for career yards receiving (3,958) and career yards gained per game (119.9). Playing from 1966 to 1969 under Seminole coach Bill Petersen, Sellars was a two-time All-America pick and finished 10th in the 1969 Heisman race. One of Sellers' best collegiate performances included a 260-yard gain and five touchdown passes against Wake Forest. Sellers went on to play in the NFL with the Boston Patriots, Dallas Cowboys and Miami Dolphins. He is president of his own company and also serves on the FSU Board of Trustees.

One of three brothers to play at the University of Oklahoma, Lee Roy Selmon won All-America honors in 1974 and 1975. The 6-1, 257-pound tackle won the Outland Trophy as the nation's outstanding interior lineman and sported a 3.36 grade point average. As a senior Selmon was named a National Football Foundation Scholar-Athlete. Selmon played in the NFL with the Tampa Bay Buccaneers before retiring early due to a back injury. He *continued*



Jack "Tarzan" Riley



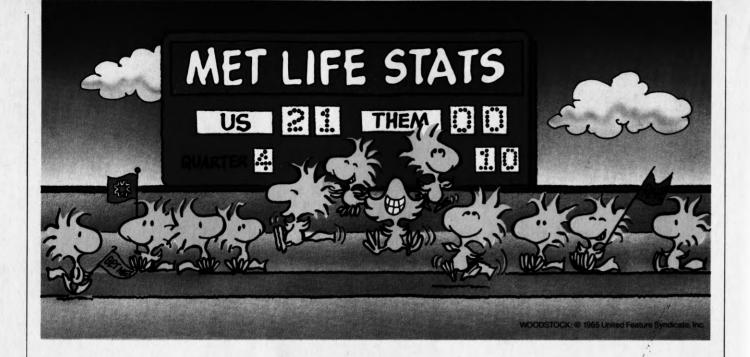
Ron Sellers

"You are either getting better or you are getting worse."

"Personal achievement is a process that should never end. The moment you stop growing you begin falling behind. I was pleased to discover that PaineWebber and I think alike on matters of money and men."

Bo Schembechler–Coach/Educator University of Michigan





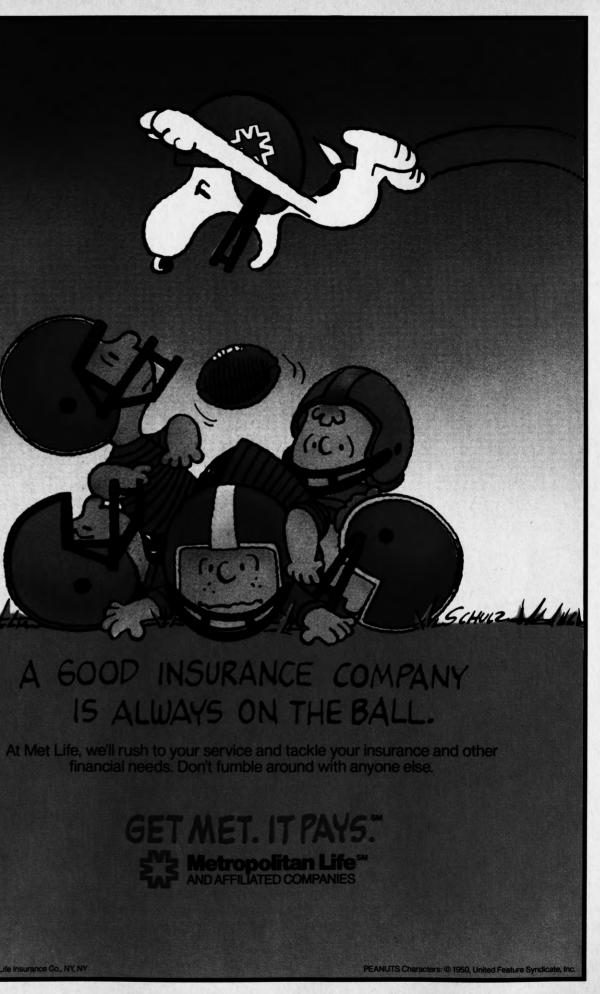
1988 Schedule Ratings

(Final Associated Press Top 20 Teams From 1987)

Team	Opp. '87 Win. Pct.	Games vs. '87 Bowl Teams	Key Opponents
Miami (Fla.)	.589	6	Florida State, @Michigan, Missouri, @Notre Dame, @LSU, Arkansas, Brigham Young
Florida State	.599	6	@Miami (Fla.), @Clemson, Michigan State, @Tulane, Florida
Oklahoma	.500	4	@North Carolina, Arizona, @USC, *Texas, @Colorado, @Oklahoma State, @Missouri, Nebraska
Syracuse	.467	3	@Ohio State, @Penn State, @West Virginia, Pittsburgh
LŠU	.627	7	Texas A&M, @Tennessee, @Ohio State, @Florida, Auburn, @Alabama, Miami (Fla.), Tulane
Nebraska	.542	5	*Texas A&M, @UCLA, Oklahoma State, Missouri, Colorado, @Oklahoma
Auburn	.537	5	Tennessee, North Carolina, @LSU, @Florida, Georgia, *Alabama
Michigan State	.549	5	Notre Dame, @Florida State, Iowa, @Michigan, Ohio State, @Indiana
JCLA	.488	3	Nebraska, @Washington, @Arizona, @Oregon, USC
Texas A&M	.575	. 6	*Nebraska, @LSU, Alabama, @Oklahoma State, Texas Tech Baylor, @Arkansas, @Texas
Oklahoma State	.516	3	Texas A&M, @Colorado, @Nebraska, Missouri, Oklahoma, *Texas Tech
Clemson	.504	3	Florida State, @Georgia Tech, @Virginia, North Carolina
Georgia	.500	4	Tennessee, *Florida, @Auburn, Georgia Tech
Tennessee	.537	4	@Georgia, LSU, @Auburn, Alabama
South Carolina	.496	3	North Carolina, Georgia, @Georgia Tech, Florida State, @Clemson
owa	.455	3	Colorado, @Michigan State, Michigan, @Indiana, Ohio State @Minnesota
Notre Dame	.590	7	Michigan, @Michigan State, @Pittsburgh, Miami (Fla.), Penn State, @USC
JSC	.566	5	Oklahoma, @Arizona, Oregon, Washington, @UCLA, Notre Dame
Michigan	.598	5	@Notre Dame, Miami (Fla.), Michigan State, @Iowa, Indiana, Minnesota, @Ohio State
Arizona State	.443	3	@Nebraska, Washington, @Oregon, USC, @Arizona

opolitan Life Insurance Co., NY, NY

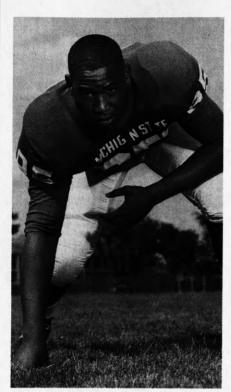
* Indicates neutral site



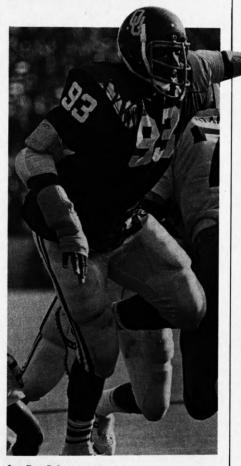
THE CLASS OF '88 continued

MPORTED lanqueray SPECIAL DRY d English

Tanqueray and Tonic. In a glass of its own.



Charles "Bubba" Smith



Lee Roy Selmon



Tangueray. A singular experience.

is now a successful banker in Tampa.

Michigan State's Charles "Bubba" Smith was an All-America pick in 1965 and 1966, co-captaining Duffy Daugherty's national-champion Spartans. Coached in high school by his father, Willie Ray, young Smith went on to become a legend at Michigan State. He played pro ball at Baltimore and Oakland before starting a new career as a television and movie actor.

From 1948 to 1950, Bob Williams went undefeated in regular-season games as the Notre Dame quarterback. Under the guidance of coach Frank Leahy, Williams was a consensus All-America in 1949, the same year the Irish became national champions. Against Michigan State that year, Williams completed 13 of 16 passes for two touchdowns and ran six times for 50 vards to keep the unbeaten streak alive. After playing for the Chicago Bears, Williams went into the advertising business and currently is president of Harbor Federal Savings and Loan Association in Baltimore.

Gen. George "Mike" Wilson led the nation in scoring in 1926 while leading Lafayette College to a 9-0 record. His 168 career points earned the halfback All-

America status and still stands as a school record. Williams turned down professional football and baseball contracts to begin a 41-year career with Bell Telephone in Pennsylvania. He was also a brigadier general in the Marine Corps during World War II, winning numerous decorations in the South Pacific.

Joseph McKenney officiated many college football games in his career, but he will probably be best remembered for a single incident, the famous Dartmouth-Cornell "Fifth Down" in 1940. With Cornell down, 3-0, McKenney ruled that an incomplete pass by the Big Red resulted in a loss of downs and a change in possession. However, the manual scoreboard operator forgot to flip the down, and referee Red Friesell overruled McKenney, giving Cornell a "fifth down." The Big Red went on to score a touchdown to win, 7-3, but later forfeited the game, 3-0, to the Dartmouth squad. It was perhaps the strangest event in McKenney's collegiate officiating career from 1935 to 1947. McKenney went on to referee in the NFL from 1947 to 1953. 🗋



Splash on this Scotch and you'll get a chaser.



McGregor[®] After Shave and Cologne. Splash on a dash of the Highlands.

WHERE YOU **MAKE THE CALLS**

by Scott Van Camp

Home Games



any people have the false assumption that football season begins in the fall. Actually, for many

fans, the season began Christmas morning when, as wide-eyed kids, they opened a huge, rectangular package and set up the "realistic" football game. And it was real -a marked field, goal posts, little plastic players that were painted (if Dad bought the deluxe model), a scoreboard and even bleachers you set up on the sidelines.

After carefully lining up the offense and defense, placing the tiny felt football in the runner's arms and finding an electrical outlet that worked, it was time for play to begin.

"Hummmmmmm." Ah, the sound of Electric Football. Those plastic players bouncing up and down on that vibrating metal field. Indeed, it was a sound like none other.

"Hummmmmmm." Look at that runner go! What moves!

After the play was over, it didn't matter if your Jim Brown and half of his blockers

just ran (vibrated) 15 yards backwardyou were playing football.

And if any team were ever lucky enough to score, you could even kick a PAT. It's just that the chances of ever making one were about one in 100. But it was football.

The game of football has come a long way since its inception and so have the football games that are played by kids (and kids at heart).

With the advent of the computer chip, "realistic" football is no longer just a sales pitch. And for the board game purist, the final score is no longer determined just by a roll of the dice; modern games have introduced the ingredients of skill, knowledge and experience.

On the real gridiron, players have become bigger, stronger and faster. The same can now be said for the games played in the home. Oh, Electric Football is still shaking up the game market, as it has for over 35 years. But now there is more of a selection of football games to choose from.

Here are some of the different types of football games available on the market:

Board Games- For more gridiron realism, like players moving up and down the field or sound effects, look elsewhere. The football board game is for the purist-a serious football fan who is hooked on player statistics and coaching strategy.

The Avalon Hill Game Co. markets four football-related board games, among hundreds of others. There are two goals that a good game must have, said Tom Shaw, the company's vice president.

"It has to be a real-life situation, to give the player a vicarious experience," he said. "And the game has to have some decisionmaking."

In early versions, football board games did not involve many decisions, just a roll of the dice. Now they are a statistician's dream, because of the computer. It's ironic that the natural enemy of the board game would become the key in its resurgence. But the computer has brought up-to-date statistics into the games.

continued

NGENIOUS. Maxxum / is so ingenious it takes total control of lighting. Because it has the first-ever AF-integrated Multi-pattern Real-time Metering. And the Maxxum / needs almost no light at all for focusing. Plus, Maxxum Series / adds five more compact zoom lenses to the world's most comprehensive autofocus system.

NAWORLD BY ITSELF. The uniqueness of Maxxum Series I begins SLR. The easy-to-use Maxxum 30001. Then there's Maxxum 70001 with the world's first optional Creative Expansion Card System, putting the ultimate in creativity at your fingertips. Perhaps once in a decade, a photographic advance like the original Maxxum assumes legendary proportions. Now, with Maxxum Series *l*, the legend continues.

Be certain that the valuable Minolta USA 2-year camera/5-year lens limited warranty cards are packaged w For more information, see your Minolta dealer or write: Minolta Corporation, 101 Williams Drive, Ramsey, N Minolta Canada, Inc., Ontario. © 1988 Minolta Corporation.



NTELLIGENT. The legend that began with the original Maxxum[®] continues now with autofocus and much more. Like Predictive Autofocus. Maxxum *I* calculates the speed and direction of a fast-moving subject so it maintains continuous focus. And like the widest focusing area ever—up to 12x larger. Our intelligent AF system makes all others obsolete.

MINOLTA

AXXIM



Brother scores again with the Perfect Word Processor



No experience necessary with the Brother all-in-one personal word processor

- The perfect word processor because..
- Easy to follow on-screen prompts in English — not "Computerese"
- Large, easy to read CRT screen
- Built-in daisy wheel letter quality printer
- Typewriter mode with correction system
- Internal 70,000 word electronic dictionary with corrector feature
- 64,000 character memory
 Uses readily available standard 3.5" diskettes

• One piece portable design with carrying handle

 Detachable keyboard for user comfort

Plus, for the first time in personal word processors...SPREADSHEET CAPABILITIES!

Easy to use spreadsheet function include: Budgeting, Sales Analysis, Checkbook Balancing, Address Phone Directory, Plus, create and save your own applications.

We're at your side.

HOME GAMES

"We now have greater stat accuracy, and information is more available, thanks to computers," Shaw said.

An example is Avalon Hill's most popular football game, **Statis Pro Football**. Every NFL player from last season is evaluated in several statistical areas, and that information is put on a single card. That way, the best players in the league can be matched up against one another. The cards are updated every year and sold separately from the game, making it less expensive to play from season to season.

While Shaw said that the individual player concept is the most popular, the company also sells games that use "team charts." **Bowl Bound** features 32 of the best college teams, while **Paydirt** charts the 28 pro teams.

Another popular board game is **Strat-O-Matic Pro Football** manufactured by the Strat-O-Matic Game Co. for about the past 20 years. This game uses a combination of team and individual cards which, according to company president Hal Richmond, makes the game one of a kind. "You can actually set players in different positions on the board, so you can see the action unfold," Richmond said. Two years ago the company introduced **College Football**, which showcases 48 popular college teams. There is plenty of opportunity to coach in Strat-O-Matic games. As a defensive coordinator, the player has to be aware of past offensive tendencies, as well as strengths and weaknesses. You can switch from a 4-3 defense to a 3-4, blitz on passing situations and key on certain offensive players.

Other board games available include Pro League Football by APBA Game Co., NFL Fever by JN Hansen, Cadaco's All-American Football and NFL Strategy by Tudor.

* * * *

Home Entertainment Systems—These are computer games without the computer. A home entertainment system does two things:

• It enables one to play games—with excellent sound and graphics—through the television set.

· It drives parents crazy.

There are three major systems on the market, made by Nintendo, Sega and Atari. Each offers a wide selection of game cartridges, from classic arcade games like Donkey Kong (Nintendo) to sports games such as golf, hockey, baseball and football. Game cartridges are also supplied by independent companies, so there are always more than enough games to keep the kids from doing their homework.

The factors that set these games apart from the board games are the visual and sound effects. Players really look like players (well, kind of) and can be controlled by a joystick. When they run out onto the screen, the crowd cheers and the referee blows the whistle. Most of the games feature two-person play or solitaire play versus the computer.

Sega's game, Great Football, lets "YOU call the plays and carry the ball." Atari puts out a cartridge with the streamlined title, Football, while Nintendo's game is called 10-Yard Fight.

One advantage to these games is that you don't need a bona fide computer to play computer games. So if you're interested in becoming a games junkie without having to worry about bits and bytes, an entertainment system might be a good alternative.

* * * *

Computer Games—You would think that any market that offers a Chernobyl Nuclear Plant simulation game could come up with a great game of football. And it does. Games that run on computers, like Apple, IBM, Commodore, etc., have powerful sound and continued

BROTHER INTERNATIONAL CORPORATION, PISCATAWAY, NJ 08855



1912



1946



1969





987

1988

In 76 years we've been through 14 presidents, 4 generation gaps, and 2 stock market crashes. Come to where the sun rules the earth.

From Chicago to Los Angeles, ride Amtrak's Southwest Chief. And come to where the sun rules the earth. Where canyon walls give up the secrets of rivers long dead. And buttes and mesas whisper ancient stories. In this land, horizons run forever. And the colors of the earth -

(A)

have a life of their own. Ride the Southwest Chief where desert winds carve steeples to the sky.

And the earth itself seems to worship the sun.

HOME GAMES

graphics, and with more memory capabilities statistics from past games can be stored.

Take Avalon Hill's game for the popular Apple Macintosh, Mac Pro Football. Here's what it can do:

• Set the weather conditions, which do affect the outcome of the game.

· Create the coin toss.

• Offer a scouting report that rates the players of each of the 40 championship teams in the program.

· Offer three coaching levels.

• At the championship level, 10 defensive decisions can be made, while on offense, nine are up to the player.

• A player can run precise pass patterns, including up-field and lateral moves.

If you're into the X's and O's, Mac Pro Football is a game you'd enjoy, because X's and O's are displayed on the screen.

Avalon Hill's other football computer game, **Super Sunday**, features full-screen, color re-enactments of all 20 Super Bowl teams. Super Sunday is available for Commodore, Apple and IBM computers.

If exciting simulation is what you want, Activision's **GFL Championship Football** could fit the bill. It features "in helmet perspective," so a player can run with the ball and actually see the big linebacker running up to make the tackle. GFL is made for the Commodore.

* * * *

And there are plenty of other games to play. Don't forget about rotisserie leagues, in which your house mortgage hinges on the performance of your favorite college or pro players. And there's a school cafeteria favorite, played with a piece of paper folded into a triangle. Players take positions at each end of a flat table and take turns flicking the triangle toward the end zone (the edge of the table). If a corner of the "football" goes over the edge without it falling off, it's a touchdown.

Of course, there's nothing better than the real thing, but plenty of football fans spend their free time playing the game at home. According to Tom Shaw, the VCR posed the main threat to the game market, as more people began to watch movies instead of buying games. But the drop-off in sales was not as bad as expected; in fact, sales are now better than ever. "We might have sold even more [games], if not for the VCR," Shaw said.

Many of these games mentioned are so popular that players have formed their own leagues—and while competition is friendly, it is still fierce.

Stratomatic's Richmond told the story of the guy who was in a 28team league in Edmonton, Alberta. The league has social events and even a newsletter, *Red Dog Alert*.

"Unfortunately, he had to move 350 miles away," Richmond said, "but that didn't keep him from making the 700-mile round trip once every two weeks to play double-header games."

So which game is right for you? For some, it may not be the most realistic games that are the most fun. Scott Marley, games and books editor at *Games* magazine, has helped review hundreds of games.

"If I'm playing a sports game, realism makes a difference," he said, "but it's important that the game is interesting as a game."

Maybe you would just like to watch plastic figures vibrate down the Electric Football field, or you might opt for the "in-helmet perspective." Or something in between.

Whatever your choice, playing football games is a great way to enjoy the sport and still be in one piece when the final *buzz*, *bleep* or *boing* is sounded. \Box



1988



1988



1988

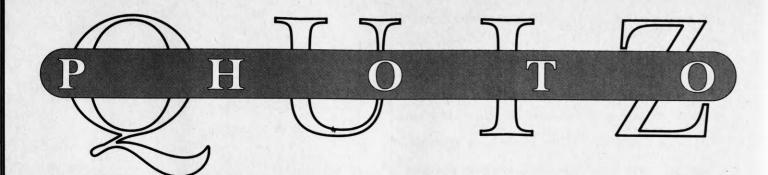




Now it's time to relax.

We're still hard at work making stylish dress shirts. And now you can relax with our colorful new knits, sport shirts and sweaters. But where our standards are concerned, it's business as usual.

Arrow

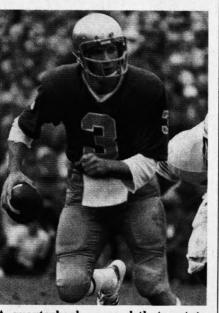








Led Arkansas to seven national titles from 1957-76.



A quarterback so good that a state was named after him.



A cool running back from Nebraska in the 1970s.



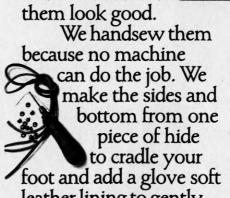
An All-America defensive end/ linebacker from USC in 1967, he made the all-eccentric team as well.

A Wake Forest runner who led the NCAA in scoring in 1964.

Clockwise from top left: lack Tatum 🛇 Frank Broyles 🛇 Joe Montana 💠 I.M. Hipp 💠 Tim Rossovich 🛇 Brian Piccolo



well is what makes

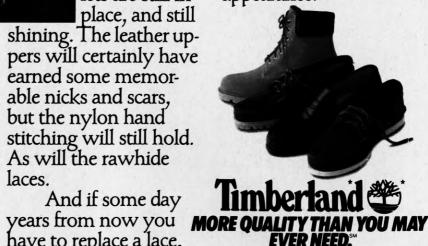


foot and add a glove soft leather lining to gently coddle it as well.

seem to get better with age. You see, what makes them wear well is what read we hope you won't feel that the new one solid brass eye-lets are still in harms your Timberlands' appearance. place, and still shining. The leather up-pers will certainly have earned some memorable nicks and scars, but the nylon hand stitching will still hold. As will the rawhide laces.

have to replace a lace,

Touchdown



*Registered Trademarks of The Timberland Company. © The Timberland Company, P.O. Box 5050, Hampton, N.H. 03842-5050

MINELTA

TIPS ON SHOOTING SPORTS

In all photography, light is the basic element with which you work. It determines what film you use, what apertures and shutter speeds you choose. ..even the lens you select. Proper lighting can make a common subject great; bad lighting can ruin the best sports shot.

Films are rated according to their sensitivity to light. Somewhere on the film canister, you'll see the letters ISO and a number from, say, 25 to 1000. That number is the film speed, and the higher it is, the more sensitive the film is to light. Generally, fast or highly sensitive filmstocks are also more grainy than their slower, less sensitive

The Basics of Light and Film

brothers. This characteristic can be used for artistic ends, but most photographers like the finer resolution of slower films.

Choosing the right filmstock depends on a number of variables. If you're shooting dune buggies at noon on the Mohave desert, an ISO 25 or 64 film will do just fine. In fact, you might have trouble using an ISO 160 or 400 film: it might be too sensitive to light, forcing you to use very small apertures or very high shutter speeds. If you're going to be shooting a football game on a dull grey afternoon in December, though, you'll need all the speed you can get, especially if you want to use the faster shutter speeds to freeze action.

If you're shooting black and white film, you've got a good deal of flexibility. B&W has a great deal of latitude: you can be off as much as two f-stops from the correct exposure and still get a decent negative. Color films, both negative and slide, unfortunately have less latitude. If you're off by more than about one-half of an f-stop, you'll begin to see a color shift.

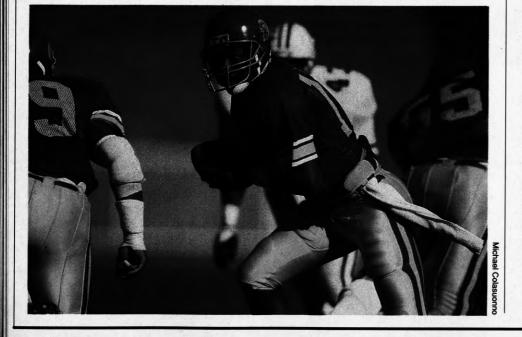
B&W has another advantage, too. The film can be "forced," or exposed as if it had an ISO rating of two or three times its actual number. Your photo lab can compensate for the forced underexposure by "push processing," or extending the developing time. (Among the color films, Kodak's Ektachrome slide film can be forced and push processed.) If the sun hides behind the clouds and you decide to force a film, remember to expose the entire roll at the forced ISO number. Since the compensation is done in the developing process, you can't correct partially forced rolls of film!

What do you do if you load a film that's too sensitive for the light conditions? The best answer is to use an inexpensive accessory called a "neutral density" filter, which mounts in front of your lens and reduces the amount of light passing through to the film. ND filters are available in strengths that reduce exposure by one to three f-stops.

While B&W film is versatile, most photographers prefer to shoot color. Color negative films, which produce prints, are available in speeds up to ISO 1000, and many have a latitude of one f-stop with acceptable results. Color positive film, used to make slides, has less latitude, but there's one filmstock—Kodak's P800/1600 that's designed to be forced and push processed. You can actually shoot this film at ISO 3200!

Sooner or later, though, you're going to be shooting indoors. If you supplement inadequate indoor lighting with electronic flash, make sure that you choose a color film that's balanced for daylight. (If you use daylight film under tungsten lights indoors, you'll notice a decided shift toward the red in all the colors.) Use a tungsten-balanced film for correct color values when shooting indoors. Fluorescent lighting is something of a problem, but using daylight film with an FL-D filter provides a pretty good answer.

Current styles that will still be current next year.



HOW TO KICK A COLD.

Try Alka-Seltzer Plus[®] Cold Medicine. Fast, effective relief for major cold symptoms, guaranteed.

01988 Miles inc., Consumer Healthcare Division MILES Eikhart, IN, U.S.A. 46515 Plus Cold Medicine

Bednarik was discharged Oct. 11, 1945, long after the football season had begun. He went home to Bethlehem and paid a visit to his old high school football coach, John Butler. Chuck expressed an interest in going to college on the G.I. Bill, so he was pointed toward the prestigious Penn football program under acclaimed coach George Munger.

"It felt strange walking out onto the football field the first time," Bednarik conceded. "All I saw were kids 17 and 18, and they were the football team. I arrived about the first of November and beat out the center, who was the captain of the team."

Touchdown

Bednarik made his collegiate debut in a 32-7 Ivy League romp over Columbia prior to a rude awakening the following week against powerhouse Army and its famed touchdown twins, Glenn Davis and Doc Blanchard. The Cadets crushed the Quakers, 61-0. "I was in awe ... there were 78,800 people at Franklin Field." he said.

That was the worst defeat Bednarik suffered as a collegian. Once he joined the squad, Penn went 20-6-1 in three-plus seasons. The Quakers were 6-2 in 1946, 7-0-1 in 1947 (only a 7-7 tie with Army marring the season) and 5-0 in 1948 prior to three season-ending defeats against Penn State

CHUCK BEDNARIK

(13-0), Army (26-20) and Cornell (23-14). When memories of his college career were rekindled, Chuck fondly told of a 26-20 victory over archrival Cornell that concluded his sophomore season and a loss to Army by the same score his senior year.

"The one I remember most was that Army game," he said. "Colonel Earl Blaik was their coach and Sid Gillman was an assistant. They were a power and we were a 20-point underdog. We were ahead late in the game, 20-19, but Arnie Galiffa threw a touchdown pass to beat us.

"The best college game I ever played probably was against Cornell in 1946. They were one of the top teams in the country in those years and a big Ivy League rival. There were about 35,000 at Franklin Field and it was a very emotional game.

"We went ahead, 26-6, and it looked like a rout," Bednarik continued. "But they came back to make it 26-20 and were on our seven-yard line in a fourth-and-three situation. I made the tackle that saved the game, and it was a great feeling because of what the game meant to people.

"You have to remember that Penn football was really big in those days. We were unquestionably the No. 1 team in the state. Now Penn State has that distinction, and you'd think they were the only team in the world, the way they act. You know, I kind of like to see them get beat."

A fierce competitor to this day, Bednarik relishes the memories of working nearly every down. He was a hard-nosed athlete who played with relentless energy and stamina. When he wasn't snapping the ball or linebacking, he was kicking off and booting extra points and field goals.

"I enjoyed playing defense the most," Bednarik noted. "We played a 6-2-2-1, and I was the linebacker on the right side because the fullback lined up on the left side. If I were playing today, I'd be a linebacker. That's the glamor position on defense. They make three times as much as the centers.

"I got my share of publicity in college, and I earned it. I worked hard in practice, and I played 58 1/2 minutes a game. I just didn't want to come out of the game. My substitute didn't play much. But it wasn't such a big deal at the time because a lot of guys did it in single-platoon football."

Bednarik's ironman feats became more widely heralded in his later years with the Eagles. He was the last outstanding twoway performer. At age 35, in 1960, he went 58 1/2 minutes against Green Bay, 57 against New York and 56 against Cleveland. It's no coincidence that the two players he most respected were fellow ironmen Leo Nomellini and Ernie Stautner. The work ethic didn't come by accident. Growing up in a steel town, Chuck saw nothing but hard work in the Depression. His parents were immigrants from the Czechoslovakian village of Siroke, near Bratislava and about 40 miles north of Vienna. His father worked in the open hearth of the steel mill, where it was 200 degrees. He was paid \$2,300 a year, supplementing his income by felling trees with the help of his son.

"I was a natural athlete and high school sports were an outlet because there wasn't much else to do but work in the steel towns," Bednarik said. "I played three

'He was a hard-nosed athlete who played with relentless energy and stamina. When he wasn't snapping the ball or linebacking, he was kicking off and booting extra points and field goals.'

sports. Besides football, I played basketball and was the catcher on the baseball team.

"I was a fifth-string fullback, weighing 160 pounds, as a high school sophomore. I became a center/linebacker after that pretty much because the all-state center on our team was injured one week before the opener and the coach told me I was the center.

"I felt invincible as an athlete," he added. "Lehigh Academy was in town, too, but it was known for academics. High school sports were bigger. We drew 18,000 for our traditional football rivalry with neighboring Allentown High. I loved sports, but I also knew the value of an education."

Not particularly enamored with the prospect of spending his adulthood in a steel mill, Bednarik made education a priority when he enrolled at Penn. He didn't give much thought to a professional football career and worked toward a degree in education, which he obtained in June of 1949. By then he was the No. 1 draft choice of the NFL champion Eagles.

"I totally expected to become a teacher and a coach," Bednarik said. "Pro football wasn't what it is now. It was in its adolescence. I'd heard of guys like Steve Van Buren and Sammy Baugh, but college football was king in those days.

"Penn was among the top-ranked teams

and drawing big crowds, so I was in awe of college ball. The pros were the furthest thing from my mind, and it wasn't because I underestimated my ability. I knew I was a good athlete. I had success at everything I played. "What changed my mind was being drafted No. 1," he noted. "The Eagles offered me a \$3,000 cash bonus, which was big money in those days, and a \$10,000 contract. Teachers were making \$2,700 a year, so I wasn't stupid enough to turn down that money."

HOW TO KICK AN UPSET STOMACH AND HEADACHE.

For fast and effective relief of heartburn or upset stomach with a headache try Flavored Alka-Seltzer[®] with the sparkling fresh taste of lemon lime.





MILES

 1988 Miles Inc.,
 Consumer Healthcare Division Elkhart, IN, U.S.A. 46515

Bednarik concentrated on football in college because Munger emphasized not being spread too thin since academics were so important. Chuck lettered one year in baseball before dropping that sport. Had he elected to continue, he might have attained greatness. In 1946 he set a world record by throwing a baseball 403 feet.

To this day, Bednarik is still a successful competitor. Golf is his passion, and he recently defeated the 1976 club champion at Whitemarsh in a round of golf. But his latest love is the accordion, so Chuck plunked \$6,000 down for a snazzy Italian instrument and is practicing diligently.

What else would you expect from an ironman? \Box

If it's important to you, it's important to us.

If you're a careful homeowner or safe driver, your independent SAFECO agent can give you high-quality protection. From a quality company. SAFECO Check the Yellow Pages for the SAFECO agent in your area.

Auto · Home · Life · Business SAFECO Insurance Companies, Home Office - Seattle, WA 98185

115.65

A few reasons we make more than one car.

No two people are the same. Everybody expects something different from their car or truck. very important thing in common. Every Nissan is a pleasure to own and drive. Because at Nissan is a pleasure to own and drive. Because at Nissan, That's why Nissan offers lots of different models. we never forget why we build cars and trucks. With hundreds of different color and body-style Or who we build them for combinations. And thousands of equipment options. From the economical Sentra™ To the famous NISSAN high-performance 300ZX. To the rugged Hardbody™

trucks. To the revolutionary 4x4 Pathfinder.® Yet, as different as each may be, they all have one





Built for the Human Race.



32.00

Phu

THE IMAGE OF SUCCESS

Hart Schaffner & Marx CAREERS

Times Have Changed

by Mike Babcock, Lincoln (Neb.) Journal & Star



im Van Valkenburg, director of statistics for the NCAA, once projected that if Harold "Red" Grange had played in college • football's modern era, he might have amassed more than 9,600 all-purpose running yards during his career.

The projection was more than an attempt to fill idle time. "I try to keep reminding people about the old-timers," Van Valkenburg said. "They had some unbelievable numbers."

People probably don't have to be reminded that Grange, who scored four touchdowns in the first 12 minutes of a game against Michigan, was one of the greatest players in college football history.

You won't find his name in the statistical record book published by the NCAA, however, not only because official NCAA football statistics don't date back to the 1920s, when Grange played, but also because modern players, for the most part, have far surpassed the statistical efforts of even the most famous of their predecessors.

The official collegiate record for allpurpose yards in a three-year career (5,749) is held by Georgia's Herschel

THE EVOLUTION **OF STATISTICS**

Napoleon McCallum's Division I record 7,172 yards rushing in four years is an impressive statistic. . .

...but if Red Grange had competed today, he might have surpassed McCallum's total by a few thousand yards. ▼

The legendary Galloping Ghost from Wheaton, Ill., was credited with 3,510 allpurpose running yards, a total determined by adding rushing, receiving and return (punts, kickoffs and interceptions) yards.

EVOLUTION

Walker. Navy's Napoleon McCallum holds the Division I record for a four-year career with 7,172 yards, twice Grange's total. Howard Stevens, who played two seasons at Randolph-Macon and two seasons at Louisville, holds the all-time NCAA record, 7,564 vards.

Each of those totals is impressive. And each is a measure of the athlete who produced them. They are not, however, an accurate means of comparing the athletes.

The game has changed dramatically over the years. "I don't see how you can compare at all," Van Valkenburg said. "The only thing you can say for sure is the people who block and tackle are going to win the game."

An obvious problem in using statistics to compare Grange's career to that of Stevens, McCallum or Walker is illustrated by the fact that the NCAA acknowledges two records, one for three seasons, another for four.

Because of that, Grange could more appropriately be compared to Walker, it would seem. But Walker played in 33 games in three seasons, while Grange played in 20 of 24 games during his threeyear career at Illinois.

Because of the freshman eligibility rule, McCallum had an opportunity to play in 44 games during his career. (Bowl game statistics aren't included in a player's total.)

Seasons were shorter when Grange played-the opening game in each of his seasons was played the first week in October-and so were the games.

"In Red Grange's day, games were approximately 120 plays long; now they're 145 to 150 plays," Van Valkenburg said.

If teams run 20 percent more plays now, it's reasonable to assume they'll gain 20 percent more yards. Van Valkenburg took that into account when he projected 9,600 all-purpose running yards for Grange.

"People say you can't assume Grange could maintain that pace, and they're right," said Van Valkenburg, "But remember, the old-timers had to turn around and play defense, too."

Because of free substitution and the resulting specialization, statistics from different eras are misleading when used for comparison.

Consider the implications. Marcus Allen, who carried the ball as many times for Southern Cal in 1981 as Grange did during his entire career, could rest while the Trojan defense was on the field. And Allen could run out of bounds without worrying about having to take the next handoff near the sideline. The hash marks have been moved more toward the center of the field.

In Grange's time, "when a player went



out of bounds, they put the ball just barely in bounds [for the next play from scrimmage]," Van Valkenburg said. "Half the team was lining up out of bounds, and Grange could go only one direction. Playing defense became pretty simple." Under those circumstances, where could a guy go?

the ball," said Van Valkenburg.

the hash marks.

There are other factors that influence statistics from different eras and render them useless in comparing players: artificial playing surfaces, changes in the shape and size of the ball, improved equipment-face masks weren't made legal until 1951-the advent of the T-formation and rules affecting the forward pass.

How can you compare Brigham Young's Jim McMahon to Texas Christian's Davey O'Brien by using their passing statistics? Like Van Valkenburg says, you can't. O'Brien led the nation in passing in 1937, the first season for which the NCAA acknowledged statistics, and in 1938.

In 1938 the 5-7, 150-pound Single-

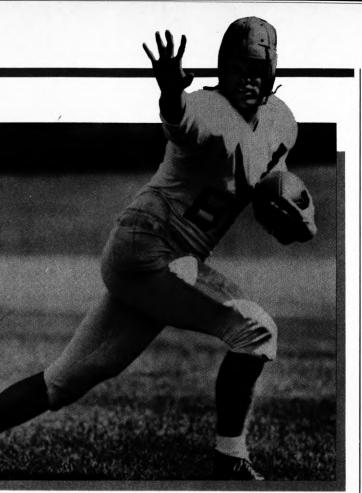
Before you buy a TV, look around.

Toshiba's new 27" color TV is designed from an unusual point of view. All of them. No matter how you look at it, it's an unbelievably advanced TV. It has a five-speaker stereo sound system with a sub-woofer and Carver Sonic Holography®, for sound that puts you right in the middle of the action. 520 lines of horizontal resolution. Super VHS, dual RF and full A/V connections. Full on-screen displays. 181-channel cable compatibility. Toshiba's FST® tube. And to back it up, a 30-month limited warranty, one of the longest in the business.

And if all that sounds like the kind of television that belongs up on a pedestal, don't worry.

We've already done it for you.





Although some consider Jim McMahon a throwback to another era, his Brigham Young numbers would have been much different had he really played in the 1930s.

"You just put everybody on one side of

The average fan might not be able to see it, but the location of the hash marks can make a big difference. When he left the National Football League to become head coach at Michigan State, George Perles was asked to pinpoint the most significant difference between the college and pro games. He insisted it was the location of

Wing tailback led the Horned Frogs to an undefeated season and won the Heisman Trophy by rushing 124 times for 390 yards and completing 93 of 167 passes for 1,457 vards and 19 touchdowns. He also, of course, played defense. He punted, returned punts and kickoffs, and kicked extra points.

McMahon's only concern was throwing passes, which he did 445 times in 12 games in 1980. O'Brien attempted 434 passes during his entire career.

McMahon completed 284 for 4,571 vards and 47 touchdowns.

The circumference of the ball was reduced to make passing easier, and teams were allowed more than one incomplete pass during a four-down series in 1934. But O'Brien still had to live with a rule requiring a passer to be at least five yards behind the line of scrimmage. That wasn't changed until 1945.

Prior to 1938, teams lost possession of the ball for incomplete passes thrown into the end zone. In 1938 the rule was changed so that touchbacks were awarded for incompletions in the end zone only on fourth down.

And in 1941, fourth-down incomplete passes in the end zone were no longer ruled touchbacks. The defending team took possession at the spot from which the ball was put in play.

One of the most significant rule changes continued

EVOLUTION continued

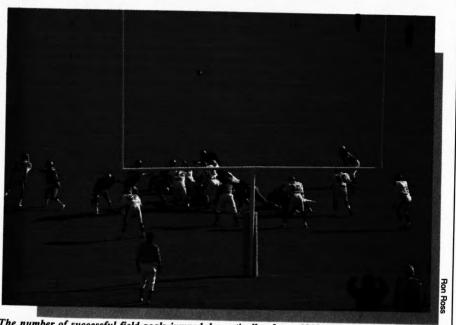
favoring the passing game in recent seasons came in 1985, when offensive linemen were allowed to use open hands and extended arms in pass blocking. It's easy to understand why quarterbacks who complete better than 60 percent of their passes are becoming commonplace.

The NCAA single-season record for completion percentage, set by Brigham Young's Steve Young in 1983, is a remarkable .713. Young accomplished that with 429 attempts, and he was intercepted only 10 times.

O'Brien threw nearly twice as many



Davey O'Brien led the nation in passing in 1937-the first season the NCAA recognized stats.



The number of successful field goals jumped dramatically after a 1959 rule increased the width between the goal posts by nearly five feet.

interceptions (18) in about half as many attempts (234) during the 1937 season.

Comparisons of players from different eras based on statistics are misleading, at best. Prior to 1937, they're virtually impossible because there were no uniform statistics kept, if any were kept at all.

For example, Willie Heston, a consensus All-America in 1903 and 1904, apparently played in 36 games during a four-year career at Michigan. But his statistics are available for only 17 of those games.

According to Van Valkenburg, Homer F. Cooke Jr., a Seattle sportswriter, established the first national clearing house for college football statistics, at his own expense.

Cooke, who also compiled statistics for the National Basketball Association and the All-American Football Conference, was first subsidized by the NCAA in 1946, an association that continued, except for a brief period in 1949, until 1973, when Cooke retired.

College football statistics weren't standardized until 1941. "Before that, forget it," Van Valkenburg said. "Everybody had their own system."

For example, some might measure a punt from the line of scrimmage, others from the point at which the ball was punted.

Fielding H. Yost, a member of the American Football Coaches Association Rules Committee in 1941, was primarily responsible for standardizing college football statistics. The legendary Michigan coach and athletic director is credited with writing the first scoring rules.

"From then on, they [statistics] were

pretty uniform, pretty accurate," said Van Valkenburg.

Statistics compiled prior to the ambitious efforts of Cooke and the standardization headed up by Yost are suspect, at best, except for those of the immortal players like Grange. Thanks to Steve Boda Jr., associate director of statistics for the NCAA, Grange's statistics have been verified as much as possible.

During Grange's time, newspapers carried play-by-play accounts of college games. Boda made more than 100 round trips to the Library of Congress, at his own expense, to research the career of Grange and several other college greats, according to Van Valkenburg. Prior to 1937, "the only statistics I believe are Boda's," he said

David Nelson, secretary-editor of the NCAA Football Rules Committee for the last 25 years, was asked to identify the most significant rule changes over the last 50 years. Among those he chose were:

•Unlimited substitution, which "changed the game dramatically; it increased the tempo and intensity of the game," Nelson said.

•The 1959 rule that widened the goal posts from 18' 6" to 23' 4" and allowed field goal kickers to use two-inch kicking tees (in 1958 there were 103 successful field goals; in 1984 there were 1,442).

•Several rules having to do with the forward pass, including the previously mentioned one eliminating the requirement that the passer had to be at least five yards behind the line of scrimmage.

continued



Forget the fact that the car on the left is a legendary performance car. And that the one on the right is a wagon.

A radar gun doesn't notice minor details like that. It focuses on only one thing: speed.

And from that point of view, the Porsche 944 and the Volvo 740 Turbo Wagon look remarkably similar.

In fact, in repeated quarter-mile tests, they came up with virtually identical numbers-both in elapsed time and miles-per-hour. In 0-60 tests, the BASED ON INDEPENDENT ACCELERATION TESTS

Volvo wagon actually came out ahead of the Porsche.* Which is no small feat for any car. much less a wagon.

It's no wonder *Road & Track* magazine called the 740 Turbo Wagon the closest thing to a fivedoor sports car.

Which all goes to prove that the Volvo 740 Turbo Wagon is something very rare indeed:

A wagon that's actually worth owning for what it packs up front. A car you can believe in.



EVOLUTION

continued

•Safety and equipment for safety, most notably a 1971 rule change that prohibited blocking below the waist and thus cut down on the number of knee injuries.

•The rules increasing the number of officials from four in 1937 to the current seven in 1983.

•Legalization of coaching from the sidelines in 1967.

The ones affecting statistics.

T he evolution of college football has been consistent with the belief that records are made to be broken. Most of the modern records in the NCAA football guide, which dates back to 1937, were set in the last 25 years.

Teams play more games, with more snaps per game, than they did in 1937. Playing conditions have improved dramatically. And the rules have been changed in ways that produce more offense.

As a result, it's difficult to find NCAA records that have stood the test of time ... not impossible, just difficult. If you look hard enough, you'll even find a few modern (post-1937) NCAA records that probably never will be broken.

There's one, for sure. And you're going to get a kick out of it. On Nov. 11, 1939, Texas Tech played Centenary in Shreveport, La., in a game that produced 77 punts.

That's right. Rub your eyes and look again-77.

The NCAA guide offers a footnote by way of explanation. The game was played in a "heavy downpour."

Obviously. It was raining footballs.

Think the philosophy of defense has changed a little in the last 50 years?

Texas Tech punted 39 times, a singlegame record. Centenary punted 38 times, the No. 2 total on the all-time list.

Equally remarkable is the fact that 67 of the punts came on first downs, including 22 in a row during the third and fourth quarters. That means in one stretch, Texas Tech punted to Centenary, and Centenary turned right around and punted the ball back to Texas Tech—11 times!

Imagine what network officials would have done if the game had been televised.

The NCAA guide notes: 42 of the punts were returned, 19 went out of bounds, 10 were downed, one went into the end zone for a touchback, four were blocked and one was fair-caught.

Texas Tech's Charlie Calhoun punted an NCAA single-game-record 36 times for 1,318 yards or an average of 36.6 yards per punt.

Touchdown

SOME RECORDS ARE MADE TO BE UNBROKEN



"Statistics are the gauge, the barometer

... they are absolutely critical and essen-

tial for the Rules Committee for stabilizing

They are not, however, an effective

means of comparing great players from

Jim Thorpe rushed for 1,869 yards in 14

games in 1912. He scored 29 touchdowns,

converted 38 extra points and kicked four

the game," according to Nelson.

different eras.

The Red Raiders' Milton Hill returned 20 punts in the game, another record that's likely to stand forever, and gained 110 yards.

Not surprisingly, the game also produced NCAA records for the fewest scrimmage plays by one team (Texas Tech's 10) and two teams (31). Texas Tech finished with minus-one yard of offense. Centenary rolled up 30 yards, total.

The final score? You guessed it—0-0. Among the other modern NCAA football records that probably won't be broken, given the nature of the game now:

•Most consecutive victories (47) by Oklahoma, 1953-57. With changes in scholarship limits, the increasing emphasis on football as a revenue-producer at most major colleges and more attractive intersectional matchups for television, teams no longer dominate the way Bud Wilkinson's Sooners did. The string was snapped by Notre Dame, 7-0.

•Most consecutive regular-season shutouts (17) by Tennessee, 1938-40. The same factors that apply to Oklahoma's winning streak apply here, with the added factor that the rules have changed to encourage offense and scoring. Tennessee went a record 71 consecutive quarters without allowing a point, a streak that was ended by Alabama on Oct. 19, 1940.

•Fewest points allowed per game in a season (0.0) by Tennessee in 10 games during the 1939 season and by Duke in nine games during the 1938 season. It's tough enough these days to go undefeated and untied, much less unscored upon. The latter would seem to be impossible.

•Most scoreless tie games in a season (4) by Temple in 1937. Again, the rule changes have led to more plays, more offense, more scoring. It's difficult to believe that even the most inept offensive team could now play four equally inept offensive teams in consecutive weeks. Temple played only nine games in 1937.

Allen won the Heisman Trophy in 1981

Thorpe and Allen were both great players.

But they can't be compared with statis-

tics. The numbers may not lie, but they

don't tell the entire truth, either. Times

after rushing for 2,342 yards and 22 touch-

What do those numbers mean?

field goals.

downs in 11 games.

have changed too much.

•Fewest yards allowed per game in a season (69.9) by Santa Clara in 1937.

•Lowest average yards per play allowed in a season (1.71) by Texas A&M in 1939. •Fewest rushing yards allowed per

game (17.0) by Penn State in 1947. These three records depend, at least in part, on the fact that games had fewer plays 40 or 50 years ago, and teams played shorter schedules. Santa Clara played only eight games in 1937. The Broncos didn't have to maintain their average for as long.

•Highest average gain per play during a season (7.92) by Army in 1945. Yes, this was a Glenn Davis and Doc Blanchard team.

•Fewest rushes allowed in a game (7) by North Carolina against Virginia on Nov. 27, 1943. Virginia gained five yards.

•Fewest yards gained, both teams, by passing (minus-13), North Carolina and Pennsylvania on Nov. 13, 1943. North Carolina completed one of three passes for minus-seven yards. Penn completed two of twelve for minus-six yards.

•Most two-point attempts made in a game (6) by Jim Pilot of New Mexico State against Hardin-Simmons on Nov. 25, 1961. Very few individual records have managed to survive the changes in the game. With specialization and an increased emphasis on placekicking, however, it's unlikely that a team, much less an individual player, would even attempt six two-point conversions in a game. For the record, Pilot failed on a seventh.

•Most all-purpose running yards gained per game (246.3) by Byron "Whizzer" White of Colorado in 1937. It's conceivable that someone could break this record, although specialization and the physical demands of an 11-game regular-season schedule, not to mention the speed and strength of players, would seem to make it difficult. White gained 1,970 yards in eight games: 1,121 rushing, 103 on interception returns, 587 on punt returns and 159 on kickoff returns. —*Mike Babcock*

Athlete is portrayed by actor. Any similarity between persons iving or dead is purely satirical.

If we didn't spend so much on quality control we could afford celebrity endorsements.

At Weider, we'd rather spend our money building better benches than buying a "mouthpiece" to tout them. It's this dedication to quality that has helped make us the number-one health and fitness company in America. Weider offers a complete line of exercise equipment for men and women. Look for Weider quality at your local sporting goods or department store.



America's Total Fitness Company 21100 Erwin St., Woodland Hills, CA 91367 In Canada: Weider Institute, 2875 Bates Rd., Montreal PQ. H3S 1B7



by Steve Carlson. Iowa City (Iowa) Press-Citizen

some people, big-money boosters represent a seamy side of college athletics. People with hefty pocketbooks and hearty appetites for an association with college sports are sometimes at the center of National Collegiate Athletic Association violations that rock a program. The boosters' best intentions-in the days of the Death Penalty for repeated rules violators in college

sports-can practically kill a program. But there is another faction of big-money boosters who have a different kind of effect on college athletics. They are the ones who enable collegiate sports programs to live.

The cost of running a major-college program is steep. Without the financial contributions of supporters, most athletic programs would wither away.

"No way," Don Winston said when asked if a Division I program could operate in the black without fund raising. Winston, an associate athletic director at the University of Southern California, is in charge of fund raising.

"No school in the country makes enough money from gate receipts and football bowls and television to operate," Winston said. "It's just too costly. By and large, all athletic programs depend greatly on gifts from private sources in order to balance their budget."

When athletic administrators like Winston talk about fan support, they are not just talking about somebody who fills the stadium seats and makes some noise for the home team by putting his hands together. They are talking about someone who can also use those hands to pass a check on to his favorite athletic department.

Plenty of people do that, and the checks add up.

At USC \$5.8 million was raised last year in athletic fund raising. The money helps USC pay for scholarships, which amount to \$17,000 per year per athlete.

Despite the annual giving, the hefty cost of tuition at the private school can be prohibitive. So USC set up an endowment fund a couple of years ago to help with continued



FANS HIELP

TEAMS STAY





The Royal Waikoloan Resort on the **Big Island of Hawaii** recreates a royal tradition of hospitality

V aikoloa, on the Big Island of Hawaii, is where the kings and queens of old Hawaii used to vacation. They knew... the water, the weather, the beach, the hospitality. In old Hawaii, Waikoloa was the best.

this is just a sampling of what you might experience.

THE ROYAL LUAU hula is performed by authentic Big Island halau. The music, dance, food and costumes create a picture from the past. PANIOLO ROUNDUP takes place on what was once part of the largest individually-owned ranch in the U.S., and the steaks are barbecued as the Hawaiian cowboys did and still do it. THE HUKILAU is a beachfront cook-out, and guests share in the fun of netting the fish. Picture yourself in an outrigger canoe, chasing the catch

into the net.

A BACKYARD PARTY gives you the local-style good times of Hawaii today with music, food, arts, and crafts. Some of the best craftspeople on the island stop by.

and you will leave fulfilled, knowing

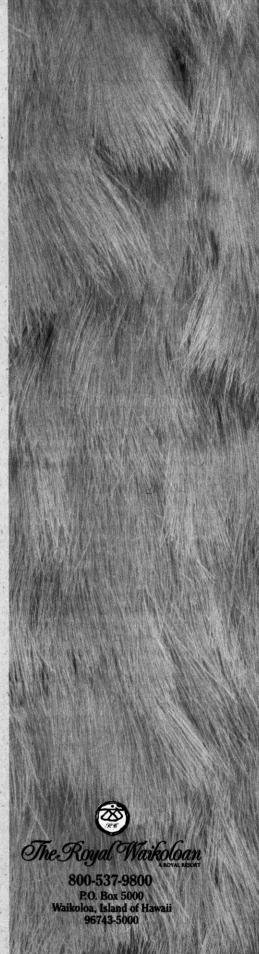
your travel agent or call us, toll-free.

Vacations for Hawaiian **Kings**



Today, that royal tradition has been recreated at the Royal Waikoloan. Here you will discover the true Hawaii, and

You will feel the Aloha spirit here, you have experienced the true Hawaii. For a vacation fit for a King, see



FUND RAISING

'The cost of running a major-college program is steep. Without the financial contributions of supporters, most athletic programs would wither away.'

scholarship costs.

For a one-time \$250,000 donation, a Trojan supporter can "buy" a position on the football team. The money is an endowment, and the interest pays the cost of one player's scholarship each year. In the first 18 months of the program, 16 of the 24 starting positions were "sold."

Winston said the \$5.8 million raised last year may have made the Trojans No. 1 in the country in athletic fund raising. Winning the Pacific-10 Conference title and going to the Rose Bowl didn't hurt any, either.

"Going to the Rose Bowl makes us all better fund-raisers," Winston said. "It certainly helps to win."

They have learned that at the University of Iowa, where \$4.5 million was generated last year from private donors. That represents almost a third of the athletic department's annual budget. It also represents a gratifying contrast to the days when the Iowa football team was enduring 19 straight non-winning seasons—and feeling it in the pocketbook.

And so, when Iowa's football program began its turnaround in the early 1980s, the financial support grew, despite a state economy that was sputtering from the farm crisis.

Iowa athletic director Bump Elliott says supporters donate their dollars to a program because they have an enthusiasm for athletics and feel a closeness to the university.

"When you have a good program, they're anxious to help you," Elliott said of contributors. "If you don't have a good program, when you need help, they don't help you. It's like anything else: Nothing succeeds like success."

Elliott sat in his handsome office at the

15,500-seat Carver-Hawkeye Arena as he spoke. The sparkling \$18 million arena, which opened in 1983, was built with the aid of a fund-raising campaign that netted \$10 million in six months.

"Contributors are vitally important to our program," Elliott said.

That was not always the case at Ohio State, but it is now.

Dave Nicolls, the Buckeyes' director of athletic development, said that as recently as 1978 Ohio State had no fund-raising program. But the growing emphasis on women's sports and increasing inflation caused Ohio State to seek private funds.

It has had no trouble finding them.

Last year Ohio State raised \$4.5 million, which represented about 20 percent of its athletic budget. Currently the Buckeyes are in the middle of a separate \$45 million capital campaign to build an indoor practice facility, a wrestling and volleyball arena, new administrative offices and a hall of fame.

"We have really put a lot of effort into fund raising and marketing that we never had in the past," Nicolls said.

"[Boosters] do want to see Ohio State have athletic excellence here. They just like to be winners at Ohio State, and it costs money to be winners. We have a lot of tradition and heritage here, and people want to continue that."

Tiny Augustana College in Rock Island, Ill., has quite a tradition, also. The school has won four Division III national football titles in the last five years. But, like most smaller schools, success on the football field does not lead directly to more money in the athletic department coffers.

That is because Augie's athletic program is funded just as are the chemistry department and every other department on campus. The money comes from the general budget of the college.

So no donations go directly to the athletic department. Athletic Director John Farwell, however, suspects that the successes on the football field have enhanced donations to the college. Those donations have enabled Augustana to build a new \$12 million library.

"There are an awful lot of people who feel good about Augustana College right now," Farwell said. "Athletics probably are a part of what's making people feel good about Augustana."

Farwell does not resent the fact that the football program's success is not directly beneficial to the athletic program.

"If athletics are part of the educational system, they should be funded as part of the educational system, just as the other departments are," Farwell said. "It's still part of



the athlete's education. It's treated as such and, therefore, it should be funded as such."

Sometimes boosters have the wrong idea about how their funds should help the university. When their money goes directly to a recruit or an athlete, instead of to the school's fund-raising effort, the boosters are doing their team a disservice. A university can be sanctioned for those actions, even though the boosters are usually outside of the university's control.

People in the Southwest Conference know all about that. Four of the league's nine football teams were on NCAA probation last year, and boosters were named in the violations at all four schools, usually for illegal recruiting.

Therefore, the conference sponsored NCAA legislation to eliminate boosters from the recruiting process. Effective Aug. 1 of last year, boosters at Division I schools cannot have any contact with a recruit.

Southwest Conference commissioner Fred Jacoby feels that boosters' contributions are important, but that universities, not boosters, must determine how the money is used.

"[Money from supporters] must be institutionally controlled, that's the main thing," Jacoby said.

It's a system that works.

TWA invites business travelers to spend less time with us. TWA's Airport Express.



Advance Boarding Passes Speed You to the Gate.

With TWA, you can arrange to have your roundtrip boarding passes even before you get to the airport, so those of you without luggage to check can go directly to the gate. This special Airport Express[™] service will save you much time.

Express Check-In for First Class and Business Class Passengers.

TWA realizes the business world moves fast, so we've made sure business travelers can, too. Those First Class and Business Class passengers traveling on widebody flights will benefit from our special express check-in.

This is a counter reserved specifically for these passengers, to assist them quickly with baggage, reservations, or whatever other services they might need.



TWA's Personal Service Commitment. TWA is determined to bring you the best personal service in the airline industry. So we've assigned an In-Flight Service Manager to every flight to make sure your trip is as hassle-free and comfortable as possible.

In addition, our Chairman of the Board has put together a Quality Control Team. A group of 30 very picky people who fly TWA, assessing the service they receive, on a checklist of over 100 service items. They report directly back to him with their comments, good and bad. And if anything needs improvement, it gets improved. Fast. Because at TWA, great service is a top priority.

TODAY'S TWA. FIND OUT HOW GOOD WE REALLY ARE."



Going Away to Play

A CHANGE **JEINIE**IR

by Mary Schmitt. Milwaukee Journal

ave Prinzivalli couldn't have gone to college much farther away from home. Prinzivalli, a 6-1 junior offensive guard at the University of Notre Dame, is from Kaneohe, Hawaii, halfway around the world from South Bend, Ind.

And yet, believe it or not, there are some similarities between the two towns, Prinzivalli said.

"I would say people in both communities are always trying to promote their communities," said Prinzivalli, whose father and brother also went to Notre Dame. "They have a pride in their community. In Hawaii we try to show our pride in showing our aloha to tourists. In South Bend they have the motto 'alive with pride,' trying to keep the spirits up about where they live."

Prinzivalli is one of any number of college football players who must go through serious culture shock when they leave home for college. Whether it's going from one climate to another, one culture to another, one landscape to another or one extreme to another, there are all kinds of adjustments to be made.

Some players choose schools far away from home just to experience those adjustments. Prinzivalli did.

"I wanted to get away from Hawaii to be able to appreciate what Hawaii is," said Prinzivalli. "One thing that I really wanted to experience was the four seasons, so I could make a choice for myself later on in life, whether I wanted to live in a place that had the four seasons or not."

Just for the record, South Bend definitely has four seasons. And while Prinzivalli did experience his first snowfall, he is still awaiting his first real white Christmas.

Tyrone Campbell's choice to leave Mia-



Dave Prinzivalli (inset) left the sun and sand behind when he left Hawaii for South Bend, Ind.

mi for Madison, Wis., and Warde Manuel's choice to leave New Orleans for Ann Arbor, Mich., were also influenced by a desire to start making their own decisions.

"I really wanted to get away from home," said Campbell, a junior running back at the University of Wisconsin. "I really wanted to experience something different from what I was used to. That was probably the biggest part of my decision. And I don't really see anything similar. Life here is much slower, much less materially oriented. I like the lifestyle a little bit better. It's different. I don't have to be on the ball all the time, always looking out for myself. It's a little bit more laid back. I like that. I'm happy."

Said Manuel, a junior defensive tackle at the University of Michigan, "I kind of wanted to get away from home and see the world, get away from my parents and learn to make decisions on my own."

But a couple of Manuel's decisions have

backfired. Seeking a taste of his hometown New Orleans cuisine, Manuel sampled the local interpretation. "I ordered creole shrimp at a restaurant, and the thing I found funny was that everything that says 'creole' here is too hot even for me," he said. "They use a lot of pepper and it's really hot. Creole or Cajun food uses different spices. Everybody thinks Cajun food is really hot, but that's not true. It's just well-seasoned. When I go to a restaurant here, I've learned not to order Cajun food."

He made one other mistake early on.

"Basically, I like cold weather," he explained. "The weather didn't deter me. My mom, though, was always talking about not getting frostbite. So the first time it got cold-about 40 degrees-I threw on some long johns. Boy, the other guys really got on me. I wasn't really scared of the cold. I just had this thing about frostbite instilled continued







EDINBORO UNIVERSITY 1988 ROSTER

Anderson, MarkDB, 5-10, 175, Fr. Orchard Park, NY/Orchard Park Anderson, Scott......RB, 5-10, 175, Jr. Orchard Park, NY/Orchard Park Baloga, StephenPK, 5-9, 155, Fr. Burgettstown, PA/Weirton Madonna Barber, CorellisDB, 5-11, 185, So. Buffalo, NY/Burgard VocationalOG, 6-0, 270, Fr. Bass, Chris Dayton, OH/Meadowdale Benham, JasonDB, 6-0, 180, So. Rochester, NY/Greece Olympia Bonetti, ClintonOG, 6-2, 235, Fr. Butler, PA/Butler Brooks, JosephOG, 6-1, 245, Jr. Youngstown, OH/Austintown Fitch Brownrigg, Rob.....OL, 6-3, 240, Sr. Crystal Beach, ONT/Fort Erie Burford, WilliamP, 6-2, 165, So. Erie, PA/Harborcreek Caldwell, A1.....DL, 6-2, 230, So. Saxonburg, PA/Knoch Castellarin, Gregg.....DE, 6-2, 210, Fr. University Hts., OH/Walsh Jesuit Christian, PeterDL, 6-1, 210, Fr. Steubenville, OH/Steubenville Churn, Michael......DB, 5-8, 160, Sr. Cleveland, OH/Central Catholic Lockport, NY/Starpoint CentralRB, 5-9, 180, Jr. Cole, Elbert Rochester, NY/Charlotte Conrad, Chip.....DT, 6-3, 260, Jr. Altoona, PA/Bishop GuilfoyleRB, 5-9, 185, Jr. Conway, Chris Franklin, PA/Oil City Corbett, WilliamDL, 6-0, 210, So. Waynesburg, PA/Waynesburg Central Courtney, Mark.....OT, 6-3, 255, Sr. Salem, OH/United Local Crawford, Ron......FB, 6-0, 185, So. Warren, OH/John F. KennedyWR, 5-9, 170, So. Davis, Merrell..... Euclid, OH/EuclidRB, 5-11, 185, Fr. Detz, David Columbia, PA/Columbia Dimickele, Dean.....DB, 5-10, 175, Fr. Canton, OH/Glen Oak Donahue, Al.....LB, 6-1, 205, So. Bellaire, OH/St. John Central Catholic Donovan, Gerard......DB, 6-0, 170, Fr. Trafford, PA/Penn-Trafford Dudowski, TonyFB, 5-10, 195, Fr. Newark, NY/Newark Edwards, MichaelLB, 6-1, 205, Fr. Caledonia, NY/Caledonia-MumfordDL, 5-10, 225, Fr. Emberg, Scott..... Kane, PA/Kane Ferguson, Brian......TE, 6-4, 215, Sr. Bethel Park, PA/Bethel Park Ferguson, JamesDB, 6-0, 175, Fr. Barberton, OH/Barberton

Gallagher,	Dean	OG,	6-3,	240,	Jr.
	Kenmore,	NY/K	enmo	re W	est

Galupi, HalQB, 6-1, 185, So.	Pope,
Ambridge, PA/Ambridge	
Geiger, JamesLB, 6-0, 205, So. Latrobe, PA/Greensburg	Powel
Gibson, MichaelLB, 6-1, 190, So.	Pratt,
Conneautville, PA/Conneaut Valley	,
Gilbert, AndrewDL, 6-1, 205, Fr.	Prent
DuBois, PA/DuBois Gordon, DerrickWR, 5-8, 162, So.	Reifs
E. Cleveland, OH/Shaw	Kensi
Gross, GlennOL, 6-3, 200, Sr.	Rinal
Somerset, PA/Berlin Bros. Valley	
Guerriere, NickP, 6-0, 185, Fr. Canton, OH/Glen Oak	Rose,
Hainsey, RonOT, 6-4, 265, Sr.	Rose,
Pittsburgh, PA/Swissvale	
Hall, DuaneWR, 5-8, 155, Fr. Cheektowaga, NY/Maryvale High	Ross,
Harmon, Jason	Roun
Gahanna, OH/Gahanna Lincoln	V
Harnden, DouglasDB, 6-1, 180, So.	Shield
Somerset, PA/Somerset Hibbert, DrewLB, 6-0, 210, Fr.	Sims,
Clewiston, FL/Clewiston	Sins,
Isaacson, BrianFB, 5-6, 195, Fr.	Smith
Wayne, NJ/Wayne Hills	
Izydorczak, TomOL, 6-4, 245, Jr. Blasdell NY/Frontier	Sosno
Blasdell, NY/Frontier Jacobs, JeffDL, 6-4, 240, So.	Spisal
Connellsville, PA/Connellsville	
Jozefov, MarkDT, 6-1, 240, So.	Stillw
Lakewood, OH/Lakewood Kasper, RobertQB, 6-1, 180, Fr.	Stone
Orlando, FL/Wm. R. Boone	
Keaton, BrianLB, 6-3, 190, So.	Thom
Akron, OH/Firestone Koehle, MattFB, 6-0, 205, Fr.	Toom
Altoona, PA/Bishop Guilfoyle	Toom
Marratta, JoelLB, 5-11, 190, Fr.	Walk
Springfield, OH/Kenton Ridge	Wana
McIlwain, RandyTE, 6-2, 220, Jr. Canton, OH/Canton Timken	Wana
McKay, KevinLB, 6-0, 180, Fr.	Wayn
Newport, OH/Frontier	
McKnight, SeanLB, 6-4, 220, Fr. Reading, PA/Central	Webb
McNally, Bill	Webe
Pittsburgh, PA/Springdale	
Messura, JohnDL, 6-2, 260, Fr.	Whitf
Rochester, NY/Aquinas Institute Miller, MattDL, 6-0, 240, So.	Willia
Oil City, PA/Oil City	** mia
Neel, GlenWR, 5-9, 155, So.	Willia
Sewickley, PA/Quaker Valley	Willia
Nickel, ScottDT, 6-5, 240, Fr. Conneaut, OH/Conneaut	Willis
O'Connor, TerryWR, 5-11, 160, Fr.	Wime
Erie, PA/Harborcreek	
Pickett, DelvinDL, 6-2, 210, Fr.	Wolf,
Akron, OH/Garfield Pierce, ScottDL, 6-3, 235, Jr.	Yondo
Glen Campbell, PA/Punxsutawney	
Pinkerton, DaveOC, 6-2, 230, Jr.	

Pope, ChrisDL, 6-0, 230, So.
Morgantown, WV/Morgantown Powell, BradOL, 6-2, 265, Jr.
West Middlesex, PA/West Middlesex Pratt, ClevelandWR, 5-9, 168, Sr.
Miami, FL/North Miami Beach Prentice, JohnOL, 6-4, 250, So. Ambridge, PA/Ambridge
Reifsnyder, BryanDB, 6-0, 180, Fr.
N. Canton, OH/St. Thomas Aquinas Rinaldo, JasonOC, 6-0, 225, Fr.
Steubenville, OH/Steubenville Rose, CurtisOL, 6-3, 235, Fr.
Logan, OH/Logan Rose, DamonDB, 5-8, 180, So.
McKees Rocks, PA/Montour
Ross, JamesQB, 6-1, 180, Jr. Euclid, OH/Lake Catholic
Rounds, CharlesTE, 6-2, 210, Fr. Williamsville, NY/Williamsville South
Shields, DarrenLB, 6-2, 205, Fr.
Washington, PA/Trinity Sims, ChristianQB, 5-11, 175, Fr. Bethel Park, PA/Bethel Park
Smith, WadeDB, 5-9, 180, Fr.
Lockport, NY/Lockport Sosnowski, SteveDE, 6-3, 235, Fr.
Williamsville, NY/Williamsville Spisak, WallyOL, 6-2, 250, So.
Wickliffe, OH/Wickliffe Stillwell, TomDL, 6-3, 255, Fr.
New Brighton, PA/New Brighton
Stone, PaulRB, 6-1, 205, Fr.
Norton, OH/Norton Thompson, GerardDB, 6-0, 190, So.
Coraopolis, PA/Cornell Toomer, JohnWR, 5-9, 160, Sr.
Youngstown, OH/East Walker, JohnDB, 5-8, 170, Fr.
Ashtabula, OH/Harper Wanat, LarryB, 6-0, 190, So.
Lancaster, NY/Lancaster Wayne, MichaelDB, 6-0, 210, Fr.
Erie, PA/Tech Memorial Webb, ClaudeDB, 5-10, 165, Sr.
Bedford Hts., OH/Bedford
Weber, DarrenPK, 5-10, 170, So. Erie, PA/McDowell
Whitfield, PhilipDL, 6-0, 207, Fr. Detroit, MI/Detroit Chadsey
Williams, JamesLB, 6-2, 225, Fr. Rochester, PA/Rochester
Williams, JohnLB, 6-0, 205, Jr. Cleveland, OH/Shaw
Willis, MichaelFS, 6-0, 185, Jr. Maitland, FL/Orlando Edgewater
Wimer, DaleLB, 5-10, 200, Fr. Meadville, PA/Meadville
Wolf, JohnRB, 5-10, 185, Fr.
Erie, PA/Seneca Yondo, MikeDL, 5-8, 235, Sr.
North Olmsted, OH/St. Edwards

We can't make this hamburger.

beautiful McD.L.T." Put it together, that is. Firm, ripe, red tomato. Crisp, crunchy pickles and onions. Cheese, creamy mayo, mustard and ketchup. And putting them on top of piping hot 100% U.S. beef. The cold stuff would get warm. The hot stuff would get cold. Far better to let you make our McD.L.T. fresh. Nope. No way. The instant before your very first bite crashes into it. McDonald's® McD.L.T. The incredible sandwich McDonald's refused to make. McDonald's GOOD TIME. GREAT TASTE."

Canton, OH/Perry

We just can't bring ourselves to do this to our big

EDINBORO NUMERICAL

J. ToomerWR	48	S. AndersonRB
C. PrattWR	49	D. Hibbert LB
W. BurfordP	53	
C. BarberSS	56	D. GallagherOG
	57	J. WilliamsLB
D. WeberPK	61	J. JacobsDE
J. RossQB	62	W. SpisakOL
H. GalupiQB	65	B. PowellOL
J. BenhamDB	66	M. JozefovDL
D. HarndenDB	68	G. GrossOL
M. WayneLB	69	D. PinkertonOC
J. FergusonDB	70	M. CourtneyOT
W. SmithDB	71	M. YondoDL
C. WebbCB	72	M. MillerDL
M. WillisFS	73	R. Brownrigg OL
C. ConwayRB	74	S. NickelDT
B. ReifsnyderDB	75	
E. ColeRB	77	R. HainseyOT
M. KoehleFB	78	C. BonettiOL
M. Gibson LB	79	T. IzdorczakOL
B. McNallyDB	81	B. FergusonTE
J. WalkerDB	84	D. GordonWR
S. ClareFB	87	M. DavisWR
C. ConradDT	88	R. McIlwainTE
R. CrawfordFB	91	S. SosnowskiDL
B. KeatonLB	94	A. DonahueLB
B. CorbettDE	96	M. EdwardsLB
D. RoseDB	97	C. PopeDL
	C. PrattWR W. BurfordP C. BarberSS J. SimsQB D. WeberPK J. RossQB H. GalupiQB J. BenhamDB D. HarndenDB M. WayneLB J. FergusonDB W. SmithDB C. WebbCB M. WillisFS C. ConwayRB B. ReifsnyderDB E. ColeRB M. KoehleFB M. GibsonLB B. McNallyDB J. WalkerDB S. ClareFB C. ConradDT R. CrawfordFB B. KeatonLB B. CorbettDE	C. PrattWR 49 W. BurfordP 53 C. BarberSS 56 J. SimsQB 57 D. WeberPK 61 J. RossQB 62 H. GalupiQB 65 J. BenhamDB 66 D. HarndenDB 68 M. WayneLB 69 J. FergusonDB 70 W. SmithDB 71 C. WebbCB 72 M. WillisFS 73 C. ConwayRB 74 B. ReifsnyderDB 75 E. ColeRB 77 M. KoehleFB 78 M. GibsonLB 79 B. McNallyDB 81 J. WalkerDB 84 S. ClareFB 87 C. ConradDT 88 R. CrawfordFB 91 B. KeatonLB 94 B. CorbettDE 96

EDINBORO OFFENSE

	2	CLEVELAND PRATT	WR
1	1	JOHN TOOMER	WR
	77	RON HAINSEY	LT
	65	BRAD POWELL	LT
	53	JOE BROOKS	OC
	56	DEAN GALLAGHER	RG
	70	MARK COURTNEY	RT
	81	BRIAN FERGUSON	TE
	12	HAL GALUPI	QB
	39	STEVE CLARE	FB
	30	ELBERT COLE	RB

EDINBORO DEFENSE

94	AL DONAHUE	OLB
61	JEFF JACOBS	DE
42	CHIP CONRAD	
66	MARK JOZEFOV	DT
72	MATT MILLER	DE
16	MICHAEL WAYNE	
57	JOHN WILLIAMS	ILB
20	MIKE WILLIS	
28	MARK ANDERSON	
19	CLAUDE WEBB	
18	WADE SMITH	

© 1988 The Coca-Cola Company. "Coca-Cola" and "Coke" are trademarks of The Coca-Cola Company



The Fan.



The Refreshment.

Can't Beat The Feeling!

CLARION NUMERICAL

1	G. CookTB
3	A. WalkerWR
5	H. KennedyDB
6	D. Burmeister DB
7	B. NairWR
11	J. DeMatteoS
13	J. SmithcoQB
14	T. MyersP/QB
15	M. CarterQB
17	J. PlewaQB
18	N. ManicolaDB
19	T. EvosirchQB
20	K. DworekTB
21	S. MorrisseyTB
22	D. AveryDB
24	J. PetermanSS
25	C. KunselmanDE
26	D. KutchDB
27	A. GiroskiDB
29	T. SmithWR
31	K. PowellFB
32	J. RozancFB
34	D. TaylorLB
35	O. WilliamsFB
36	G. BarrettDB
38	D. StockslagerDB
39	S. McElhaneyTE
40	C. Dworek PK/WR
41	D. KoshuteTB
44	J. HornidgeDB
46	K. SeelyWR

49	K. Weaver	.LB
50	B. Hamlett	.LB
51	D. Caruso	L
52	T. Shook	
53	R. Bauman	.LB
56	C. Kirwin	.DE
57	P. Jansen	
60	L. Wiesenbach	.OG
63	J. Moorhead	
64	K. Scott	
65	M. Jones	
66	T. Buck	
67	J. Keller	
69	D. McLaughlin	
70	P. Kotek	
73	B. Dougherty .OT	
74	J. Espy	
76	R. Klein	
77	P. Prenatt	
80	C. Thompson	
84	D. Hastings	
85	M. Brestensky	
87	B. Vernick	
90	B. Ammerlaan	
91	G. Heverly	
92	J. Clutter	
94	G. Thompson	
95	M. Williams	
96	D. Kubiak	
98	J. Conner	
99	J. Starr	TE

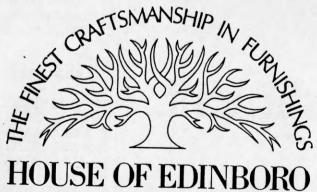
CLARION OFFENSE

85	MIKE BRESTENKSY	WR
2	RON URBANSKY	WR
70	PAUL KOTEK	LT
60	LARRY WIESENBACH	LG
69	DAVE MCLAUGHLIN	OC
63	JOE MOORHEAD	RG
77	PAT PRENATT	RT
99	JERRY STARR	TE
15	MIKE CARTER	QB
	OR	
17	JOHN PLEWA	
31	KEITH POWELL	FB
21	SEAN MORRISSEY	RB

CLARION DEFENSE

BOB VERNICK	DE
MARK WILLIAMS	DT
BRIAN AMMERLAAN	NG
JEFF CLUTTER	DT
CLAY KUNSELMAN	DE
BO HAMLETT	LB
MARK JONES	LB
DAMON AVERY	CB
DAVID BURMEISTER	CB
JOHN PETERMAN	SS
JACQUE DEMATTEO	FS
	MARK WILLIAMS BRIAN AMMERLAAN JEFF CLUTTER CLAY KUNSELMAN BO HAMLETT MARK JONES DAMON AVERY DAVID BURMEISTER JOHN PETERMAN

Good Luck Fighting Scots



FACTORY DESIGNER SHOWROOM ROUTE 6N EDINBORO

Hours: Weekdays 8-4 🛞 Saturday 9-1

CLARION UNIVERSITY 1988 ROSTER

Ammerlaan, BrianDT, 6-4, 256, Jr. Yuma, AZ/Gov. Livingston N.J.	Hoov
Arthur, DavidDB, 6-3, 185, Fr.	Horn
Canton, OH/Canton South Avery, DamonDB, 5-7, 150, So.	Janse
Farrell, PA/Farrell Barrett, GeorgeDB, 5-11, 170, Jr.	Jones
Adelphi, MO/Montgomery JC Bauman, RobLB, 6-0, 213, So.	Kelle
Saxonburg, PA/Valley Forge M.A.	Kenn
Blaney, RichardOC, 6-2, 198, Fr. Connellsville, PA/Connellsville	
Brestensky, MikeSE, 5-10, 165, Sr. Freeport, PA/Freeport	Kiml
Buck, TomOG, 6-2, 230, So.	Kirw
Youngstown, OH/Austintown Fitch Burmeister, DavidDB, 6-0, 160, Fr.	Kleir
Coalport, PA/Glendale Carter, MikeQB, 6-3, 190, So.	Kosh
Akron, OH/Akron-Ellet	Kote
Caruso, DougLB, 5-11, 205, So. Mt. Pleasant, PA/Mt. Pleasant	
Clutter, JeffDT, 6-1, 230, Jr. Glenshaw, PA/Shaler	Kubi
Conner, JohnDE, 6-2, 207, So. Mayport, PA/Redbank Valley	Kun
Cook, GeorgeTB, 5-10, 165, Fr.	Kuto
Sharpsville, PA/Sharpsville Craig, WilliamLB, 6-2, 200, Fr.	Luca
DuBois, PA/DuBois DeMatteo, JacqueS, 6-0, 190, Jr.	Lutz
Clearfield, PA/Clearfield	
Dougherty, BrianOT/PK, 6-0, 248, So. Fairmount City, PA/Redbank Valley	Mac
Dworek, ChrisWR/PK, 6-1, 175, Jr. Scottdale, PA/Southmoreland	Man
Dworek, KenTB, 6-2, 190, So. Scottdale, PA/Southmoreland	Mar
Emanuel, PaulTB, 6-1, 222, Fr.	McC
Blairsville, PA/Blairsville Espy, JohnDT, 6-5, 245, Fr.	McE
Tyrone, PA/Juniata Valley Evosirch, TomQB, 6-3, 187, Jr.	McL
Clarksville, PA/Jefferson Morgan	McN
Fedigan, TomTB, 6-1, 189, Fr. Punxsutawney, PA/Punxsutawney	
Fraser, JackWR, 5-10, 161, Fr. Seward, PA/United	McV
Gaillot, JohnDE, 6-0, 188, Fr.	Meh
Freeport, PA/Freeport Gentile, BobOG, 6-1, 230, Fr.	Moo
Greenville, PA/Reynolds Giroski, AlexDB, 5-10, 180, Fr.	Mor
Farrell, PA/Farrell Hamlett, BoB, 6-1, 221, So.	Mye
Franklin, PA/Franklin	Nair
Hastings, DanTE, 6-3, 208, Sr. Canton, OH/Canton South	
Henegar, KenLB, 6-2, 200, Fr. Barnesboro, PA/Northern Cambria	Nosl
Heverly, GaryDE, 6-3, 220, Fr.	Pace
Fleming, PA/Bald Eagle Hilton, BrianDE, 6-4, 205, Fr.	Pete
Farrell, PA/Farrell	

Hoover, Jim Duncansville
Hornidge, JimPa
Jansen, Pete
Jones, Mark
Pittsbu Keller, Jim
Beaver F Kennedy, Hartley
Indiar Kimberling, Bill
Kirwin, Chris
Fi Klein, Russ
Pittsburgh Koshute, Don W
Kotek, Paul
Pittsburgh, Kubiak, Doug
Kunselman, Clay
Vander Kutch, Dave
Kittar
Lucas, Craig Lutz, Paul Traffor
Traffor Mackewich, Joe
Pittsb Maniccia, Neil Monr
Monr Marshall, Joe
McClain, Shawn
Laceyville, l McElhaney, Sean
McLaughlin, Dave
Con McMonagle, Tom
Holsopple McWilliams, Kevin
Erie Mehalic, George
Turtle Creek, Moorhead, Joe
Pittsburgh, Morrissey, Sean
Pittsb Myers, Tim
Wile Nair, Brendan
New Bethlehem Nosko, Pat
Tit
Pacek, James Greensburg, PA
Peterman, John Pitts

.....LB, 6-3, 198, Fr. e, PA/HollidaysburgDB, 5-9, 185, Jr. aramus, NJ/ParamusOC, 6-3, 227, Jr. reeport, PA/Freeport ..NG. 5-11, 230, So. urgh, PA/North HillsNG. 5-8, 240, Jr. Falls, PA/BlackhawkDB, 6-0, 187, Sr. nola, PA/Fox ChapelDL, 6-3, 225, Fr. Tyrone, PA/TyroneDE, 6-0, 210, So. ranklin, PA/FranklinOT, 6-2, 256, Fr. h, PA/North Catholic ...TB, 5-11, 177, So. Vindber, PA/WindberOT, 6-3, 265, Jr. PA/Central CatholicDT, 6-1, 218, So. Erie, PA/Ft. LeBoeufDE, 6-0, 185, Jr. rgrift, PA/Kiski AreaDB, 6-1, 180, Jr. nning, PA/KittanningOC, 6-1, 232, Fr. Butler, PA/ButlerDE, 6-0, 190, Fr. rd, PA/Penn-TraffordTE, 6-2, 201, Fr. ourgh, PA/BrentwoodDB, 6-0, 188, So. roeville, PA/GatewayFB, 6-0, 207, Fr. Clarion, PA/ClarionTE, 6-5, 192, Fr. PA/Wyalusing ValleyTE, 6-2, 216, Jr. Butler, PA/ButlerOC, 6-5, 260, Sr. nneaut, OH/ConneautPK, 5-10, 150, Fr. e, PA/Bishop McCortFS, 6-2, 196, Fr. e, PA/Tech MemorialFB, 6-3, 237, Fr. PA/Central CatholicOG, 6-0, 240, Jr. PA/Central CatholicTB, 5-8, 178, Sr. ourgh, PA/North HillsQB/P, 6-3, 184, Fr. cox, PA/JohnsonburgWR, 5-10, 142, Jr. , PA/Redbank ValleyDL, 6-2, 215, Fr. tusville, PA/TitusvilleOL, 6-4, 255, Fr. /Gr. Central CatholicSS, 5-10, 185, Sr. burgh, PA/Penn Hills

Pitchford, JamalDB, 6-1, 184, Fr. Chambersburg, PA/ChambersburgOB, 6-2, 186, So. Plewa, John Cresson, PA/Penn CambriaFB, 5-9, 195, Jr. Powell, Keith Philipsburg, PA/Philipsburg-Osceola Prenatt, PatOT. 6-5, 265, Sr. Meadville, PA/MeadvilleOB, 6-2, 182, Fr. Roth, Jason Pittsburgh, PA/AvonworthFB, 6-1, 205, Jr. Rozanc, Joe Houston, PA/Chartiers Houston Scott, Kevin.....OG, 6-0, 200, Jr. Williamsport, PA/Loyalsock Twp.WR. 6-0, 185, Jr. Seely, Kevin Natrona, PA/HighlandsDT. 5-10, 219, Fr. Shankleton, Eric Orrville, PA/Orrville ...DT, 6-1, 237, Jr. Shook, Tim Parker, PA/A.C. Valley ..WR, 6-3, 178, So. Smith, Tim Trafford, PA/Penn TraffordQB, 5-10, 170, So. Smithco, Joe Pittsburgh, PA/North HillsOC, 6-2, 228, Fr. Stanton, Marty Pittsburgh, PA/North HillsTE, 6-3, 212, Sr. Starr, Jerry Pittsburgh, PA/Central Catholic Stockslager, Dusty......DB, 5-11, 164, Fr. Chambersburg, PA/Chambersburg Stoots, BillTE, 6-2, 201, Fr. Connellsville, PA/Connellsville Taylor, Dan.....LB, 6-1, 205, Sr. Beaver Falls, PA/Blackhawk Thomas, GaryDE, 6-2, 195, So. Gibsonia, PA/Deer Lakes Thompson, ChrisWR, 6-0, 175, So. Belle Vernon, PA/Belle VernonWR, 5-9, 165, Fr. Tyszko, Joe Dunkirk, NY/Dunkirk ...WR, 6-3, 195, Jr. Urbansky, Ron Dravosburg, PA/McKeesport ..DE, 6-0, 189, Sr. Vernick, Bob Butler, PA/Butler ..WR, 6-2, 171, Fr. Vespi, Robert ... Herkimer, NY/Herkimer Walker, ArtWR, 6-0, 155, Fr. Pittsburgh, PA/BaldwinLB, 6-1, 192, Fr. Weaver, Kevin Lititz, PA/Warwick Wiesenbach, Larry.....OG, 6-0, 240, Jr. Pittsburgh, PA/PlumDL, 6-1, 225, So. Williams, Mark Pittsburgh, PA/Canevin Williams, OtisFB, 6-1, 220, Sr. Pittsburgh, PA/Wilkinsburg ...OG, 6-2, 235, Jr. Wnek, John Silver Spring, MD/Montgomery JC Yetter, GlennTE, 6-2, 215, Fr. Steelton, PA/Steelton-Highspire

"Shop Where People Care" **DICK BROWN FORD INC.**

LINCOLN - MERCURY - JEEP/EAGLE 1185 Hydetown Road, Titusville, Pa. 16354

Dick Sez:

If you have graduated, or will graduate from an accredited four-year college or university between Oct. 1, 1987 and Jan. 31, 1989, and need a new car or truck:

YES!

You could drive away TODAY in the vehicle of your choice, with little or no money down.

Choose From:

Festiva * Escort * Tempo * Mustang * Ranger

Probe * Aerostar * Taurus * Bronco II * T-Bird

Topaz * Cougar * Sable * Tracer * Jeep

Eagle * Premier * Medallion * Summit

OPEN

Mon. & Thurs. 8 a.m.-9 p.m.

Tues. & Wed. 8 a.m.-6 p.m.

Friday Saturday 8 a.m.-8 p.m. 9 a.m.-4 p.m.

Phone:

827-1847 - 827-1848 - 827-4671 - 827-4672 - 827-2923

Cutlass Supreme

your Dad would readily e. We also think he might

As for handling, it's remarkably arate suspension system, with coil springs in the rear.

his is no



multiport fuel-injected V6 engine. precise. Each wheel boasts a sep-MacPherson struts up front, and

> on this car, everything looks a highly technical reason.

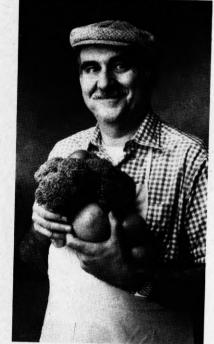
Want in on the fun? Go see your Olds dealer.

To be up to speed when you get there, send for a free catalog. Write: Oldsmobile[®] Cutlass Supreme Catalog, P.O. Box 14238. Lansing, Michigan 48901.

he New Generation of



FOR THE BEST **DEFENSE AGAINST** CANCER, SEE YOUR DOCTOR ONCE **A YEAR AND HIM ONCE A WEEK.**



He may not look like everybody's idea of a cancer specialist. But there's strong evidence that your greengrocer has access to cancer protection you won't find in any doctor's office.

Like broccoli. Peaches. Canteloupes. Spinach. And other sources of Vitamin A related to lowering the risk of cancer of the larvnx and esophagus. Not to mention sweet potatoes, carrots, pumpkin, winter squash, tomatoes, citrus fruits and brussels sprouts.

Vegetables such as cabbage, broccoli, brussels sprouts, kohlrabi and cauliflower may help reduce the risk of gastrointestinal and respiratory tract cancer.

Fruits and vegetables (and whole grain cereals such as oatmeal, bran and wheat) may help lower the risk of colorectal cancer.

In short, make sure you do what your mother always told you to do. Eat your vegetables.



CHANGE OF SCENERY continued

in me, so I wanted to be prepared. It was the last day I wore those long johns."

Campbell had a similar experience when he left for Madison. "I took my recruiting trip in December 1985," Campbell said. "It was mostly below zero that particular December. It was horrible. But I came with an open mind. There's no way that I was going to let the weather get ahead of a good education and a good opportunity."

His parents, in the meantime, had an open closet.

"They sent me every coat that we ever owned," Campbell said, laughing. "They sent me my ski suit, every coat that my dad ever owned, his college letterman's jacket, numerous pairs of long johns. It was just hilarious." Campbell was asked if the hilarity wore off after the football season ended and the winter wore on.

"Actually, it's harder during the season," he said. "In the offseason you can be inside. You don't have to practice."

Wisconsin sophomore quarterback Otis Flowers of Houston agreed, especially during spring practice, with temperatures in the 30s and a brisk wind whipping around Camp Randall Stadium in Madison. "I can't believe they call this spring practice," he said. "It's really cold. Back in Houston, it's 79 degrees and sunny. That's spring weather."

While Prinzivalli, Manuel, Campbell and Flowers all went from warm climates to cold, Scott Hoffman did just the opposite. He went from Elgin, Ill., to the University of Florida, where he is a freshman this season. Amazingly, he said, the weather didn't have much to do with his decision.

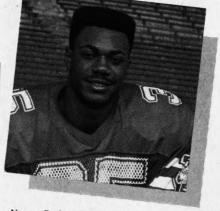
"Actually, I was looking at the amount of playing time available, the opportunity to step in and play as soon as possible," he said. He admitted that the weather during his

recruiting trip didn't hurt, however. A couple of years earlier, Hoffman and

his parents had been visiting his grandmother in Clearwater, Fla., for Christmas, They drove down from Illinois and stopped to visit the university on their way back home. Once they got to Gainesville, they rolled down all the windows and took off their jackets.

Hoffman had the same sensation when he went back to Florida on his recruiting trip last November.

"I remember it was the same feeling as when we were down there and had the windows open." he said. "When we got off the plane, instead of coming into an airport, they just pulled out the stairs and you walked right out on the ground. That was pretty dif-



Now a Badger from Miami, Tyrone Campbell likes the laid-back lifestyle of Madison, Wis.

ferent. But I was hoping for it to be like that. I was expecting it to be really warm. It was pretty nice the whole weekend."

But you're still saying the weather wasn't a factor in picking Florida? "I'd definitely say it wasn't," Campbell said. "I actually like the winter in Chicago. I love the warm just as much, but I think I'll miss the snow. It's always pretty much the same in Florida, I think."

Mike Murray must have felt as if he were down on the farm when he left the south side of Chicago for Lincoln, Neb.

"I thought the town was a little small, but you get used to it," said Murray, a junior middle guard at the University of Nebraska. "There are a lot of smaller cities than Lincoln. It's big enough so that it's all right. It's a big little city."

But there are plenty of differences between Chicago, Ill., and Lincoln, Neb.

"The airport is a little different from O'Hare-about two terminals," Murray said, laughing. "There's not the hustle and bustle here. I live downtown, so there are people around, but it's nothing compared to downtown Chicago. And the traffic's not even close. Things definitely slowed down a little bit, but I wasn't a maniac at home, either. Still, it is different.'

Like all the athletes interviewed, though, Murray was thankful for the chance to experience different places and different things. Many had selected their schools just for that kind of chance. Murray, like the others, thought the experience helped him to grow. And it was while discussing the differences between the two cities he has lived in that Murray said probably the most important thing that could be said by a player who finds himself in a different climate, a different culture, a different landscape or a different pace.

Probably speaking for all the rest of those athletes who've survived their big moves and gotten over their culture shock, he said, "I'm pretty comfortable here right now." What more could they ask for?



If you think the best way to pay for college is to put it off for a few years and join the military, you're half right.

Because with the New GI Bill, you can join the Army National Guard and earn over \$15,000 for college.

But best of all, you serve part-time, as little as two days a month and two weeks a year. Which means you can go to school full-time. Right now. On us.

So the question you have to ask yourself is not, can you afford to go to college.

The question is, can you afford to wait. For more information about the Army National Guard and the New GI Bill, fill out the attached coupon and mail it in. Or call 800-638-7600.*

*In Hawaii: 737-5255; Puerto Rico: 721-4550; Guam: 477-9957; Virgin Islands (St. Croix): 773-6438; New Jersev: 800-452-5794; In Alaska: 800-478-2400.



We not only give you the money for college. We also give you the time.

NAME			
ADDRESS	11		
CITY/STATE	ZZIP		
AREA CODE	PHONE		US CITIZEN. 🗆 YES 🗆 NO
SOCIAL SECU	URITY NUMBE	R	BIRTH DATE
OCCUPATION	N		ARMY
STUDENT C	HIGH SCHOOL	. □ COLLEGE □ YES □ NO	
BRANCH	RANK	AFM/MOS	-
WILL BE USED FOR RECRUIT	ING PURPOSES ONLY YOUR SOU RESPONSE TO THIS AD AUTHOR	ITY IOUSC-503	National Guard AITDMC**098NP
	C 1985 UNITED STATES C	GOVERNMENT AS REPRESENTED	BY THE SECRETARY OF DEFENSE. ALL RIGHTS RESI

Americans At Their Best.

THIRD INA

SERIES

by Jack Clary

FIGURES IN FOOTBALL'S GLORIOUS HERITAGE

ollege football has a glorious heritage. Those who follow the sport-regardless of where their allegiance currently lies-should always recall that great players have gone before. Their feats and their contributions should never be forgotten.

There are many on the West Coast who still recall fullback Vic Bottari of Cal-Berkeley. He led his team into the Rose Bowl and had the distinction of starting just one losing game during nearly three seasons of varsity play.

At the University of Texas-El Paso, Fred Wendt's name still sits atop the rushing records for most yards in one game, and in one season, records he set back when that school was still called Texas Mines, in 1948. He was also the NCAA's season record holder that year after a great 362-yard rushing game against New Mexico A&M.

In 1958, Bill Carpenter, a junior at Army, played "lonely end," a newly coined football term. Carpenter's coach, Red Blaik, came up with a formation that stationed him out of the huddle for every offensive play the Cadets ran. His substitutes stayed out, too. The new formation helped Army to go unbeaten in Blaik's final season, and in the course of events brought Pete Dawkins a Heisman Trophy and perpetual fame at West Point.

Then there was Leroy Keys at Purdue, the runner-up to O.J. Simpson for the Heisman Trophy in 1968. That season, Keys did everything a Heisman winner should do-he was a great running back; he played flanker and became a dangerous pass receiver; he played cornerback and in one game shut out the nation's leading receiver; and he was his team's captain.

The intense rivalry between Notre Dame and Southern California is also a part of football's legacy. Too often one has spoiled winning streaks, No. 1 rankings and national championships for the other. And both schools have put on some of the most entertaining bits of theater anyone could imagine. All part of the game's heritage.

In this one-platoon era of football, the term "triple threat" was very popular-and was always reserved for players who ran, passed and kicked in spectacular fashion. Players had to go both ways, but defense was some-

how not included in the "triple threat." Thus, Vic Bottari was a "quadruplethreat" star for the Golden Bears during his senior season-he was Cal's leading rusher, leading passer, leading scorer and kicker, and a holy terror as a linebacker. His tackling saved more than a couple of games.

Bottari, nicknamed "Vallejo Vic" after a spectacular high school career in Vallejo, Calif., was certainly not big by most standards, not at 5-9 and 185 pounds. But a half century after he was a unanimous All-America selection, he still sits in the Top 10 among all of California's rushers (No. 8 with 1,536 yards) and scores (No. 6, 145 points), and many who saw him play still declare that he could do more with a football than anyone they had ever seen.

He probably could. He started only one

Bottari Did It All for the Golden Bears



Vic Bottari was a quadruple threat for Cal. leading the team in rushing, passing and kicking and starring at linebacker as well

game in which California lost-13-7 to Southern California in 1938-and his coach, Stub Allison, declared that Cal could easily have lost another four or five games without his services.

At the time of his first varsity start in 1936, Cal had a 3-4 record, but in his four starts at the end of the season, he lead the Bears to three wins. In 1937, when the team was unbeaten and beat Alabama in the Rose Bowl, Sam Chapman was the acknowledged star and an All-America back. but Bottari, as tailback, directed the offense and was its big producer, delivering a pair of touchdowns in Cal's Rose Bowl victory

In 1938 Bottari literally did it all. He called all the plays, took care of 80 percent of the passing, ran the ball 60 to 75 percent of the time, backed up the line and was its inspirational leader. He was also an accurate drop-kicker, the only one in the Pacific Coast Conference, returned punts-he never fumbled one during his active senior season, and often added a continued

Touchdown

When John Rich began his company over 158 years ago, clothing had to be practical, durable, and comfortable. Today, Woolrich clothes are still all that ... and more. They're styled for the times, and constructed of the most advanced materials. Like Thintech[®] linings that keep rain out, without trapping heat and perspiration in. See the newest players

25% Off Wool College Stadium Blanket -Large 42" x 62". With 6" Felt Letter and Edge Stitching of Your Choice.

CA & PA must include 6% sales tax.

ADDRESS	CITY
STATE/ZIP	TEL. #
Please send check or money order payable to: (Allow 6 wks for delivery)	Woolrich, Ind TD, Woolrich

NAME





Suggested Retail \$25.00-Your Price With Coupon \$18.75 (Includes Shipping) Residents of

c., Box 229 Dept. h. PA 17779

Colors Available: (Check One) □ Royal Blue □ Gold □ Purple □ Orange Lt. Blue Bright Red Wine Brown □ Black □ Burg (Cardinal) □ Dk. Green □ Kelly Green □ Navy Blue □ Med. Gray Single Felt Letter & Edge Stitching Addt'l Letters \$3.25 ea. (Any color & letter, please specify)



quick kick when the opportunity arose.

Actually, his smallish build worked to his advantage. He had huge shoulders and legs, but tacklers seldom hit him squarely because of his peculiar habit of sliding off for extra yards. If an eager tackler tried to take him head on, those big legs simply smashed the tackler's grasp apart. And with his 5-9 height, he ran low to the ground, where he did not make a good target. If tacklers wanted him, they had to go lower to get him, and then they ran into those churning legs.

Despite this fullback-type running style, he also developed a fine change of pace in the open field, much like a shifty halfback instead of a runner who was such a punishing performer to the inside of the defense.

"We had a pretty good team in those years, though I believe our 1937 team was a bit stronger than in 1938," he said. Bottari, who was an honors graduate of Cal, ran his own insurance business for years in Berkeley, and now lives in Orinda, Calif.

He agreed that the national acclaim he received in 1938 made the season special, though he was still disappointed that Cal did not go to the Rose Bowl. USC got the call, though Cal finished with the same PCC record (6-1) as the Trojans. "They beat us, 6-0, so that probably made the difference when the powers that be made the selection," he said.

During that season, Bottari really made the difference between Cal's 10-1 record and the 5-6 or 6-5 they would have had without him. In a 20-7 win over UCLA, he scored a TD, gaining 40 of 41 yards in that scoring drive. He scored a TD and passed 21 yards to Louis Smith to set up the clinching TD in a 14-7 win over Washington the following week. And the week after that, he scored a TD, completed three of six passes and ran for 59 yards in a 13-7 win over Oregon State. "We got handled pretty well by Southern Cal the following week," he recalled. "Maybe we were due, because we had won 18 games in a row. They scored both TDs in the second half, and ours came in the fourth quarter."

That was from Bottari's 38-yard pass to Morley Mathewson. Cal gained only 84 yards that day (Bottari accounted for 66 of them), and never got a first down until there were six minutes to play in the game.

However, it was in a 6-0 victory against Stanford—the next-to-last game of the season—that Bottari really shone. He passed 22 yards for the game's only score, gained 54 yards in 14 rushing attempts and, when Stanford had a first down at Cal's two-yard line, he made two of his team's tackles single-handedly and assisted on the other two. Stanford never gained an inch. In short, he won the game—and then he saved it.

There is a truism in football that says, "When you have a big gun, keep firing it."

At Texas Mines (now the University of Texas-El Paso), Coach Cactus Jack Curtice had a big gun—Fred Wendt—and in a game in 1948 against New Mexico A&M, Curtice kept firing him ... and firing him ... and firing him.

When all the smoke had cleared, Wendt had accumulated 326 rushing yards and established an NCAA season mark of 1,383. The Miners had an embarrassing 92-7 victory, thanks to Wendt, whose yardage made up most of the team's 727 yards of total offense.

"Fred was a fine player, obviously," recalled Ben Collins, one of Curtice's assistant coaches at that time. "His biggest asset was his speed, and perhaps his biggest liability was his lack of experience when he came to Texas Mines. He hardly played much in high school, and when we saw him for the first time in 1946, he was tried as a guard.

"Heck, at that time, he was 6-1 and 190 pounds, so he had good size, and he had fine speed. But the more we looked at him, and the more we watched him move on the football field, the more convinced we became that he would make a better running back than offensive lineman."

Collins said that Wendt had none of the

Wendt Fires NCAA Rushing Record

cute tricks owned by many running backs, but he had the one asset every coach wants—great speed.

"If we got him around the corner, he was gone," Collins said. "But in the meantime, if we ran him off the tackles, then he just hit into the hole with that great speed, but he never tried to avoid anyone. That's because he had never developed any of the moves or techniques that many backs use to make little gains become big ones.

"I often thought, 'Boy, if you get just a cutback move or two, you'd be a terror.'"

When Curtice became concerned that Wendt was taking too many real pastings from collision after collision with defenders, he got the ball to Pug Gabriel of the Miners, who would pound through the middle of the defense until it tightened up, and then Curtice would spring Wendt around the corner again.

"But mostly," Collins admitted, "Fred was our guy in those years. He was a coachable player who simply worked his butt off on the practice field and in a game. I'd see him in the shower after a game, and he'd be a mass of bruises from head to toe after carrying the ball 20 or 25 times and taking on all those defenders. "He was more than just our best running back," Collins added. "He had such great leg drive that we gave him a shot at punting and kicking extra points. He did a great job. Then we let him kick off, and he'd often drive balls deep into the end zone."

But it was his speed that killed opponents such as New Mexico A&M on that record-setting day. He scored six touchdowns that afternoon (and kicked all six extra points), but three of the scores came on runs of 52, 48 and 49 yards.

"I think all of us felt that Curtice ran it up against the New Mexico team, but whenever Jack had a team down, he never let it up. And when he had an opportunity to get one of his players a big day, he let that happen, too.

"Still," Collins added, "Fred never thought it was a big deal. He was a nice kid, a real all-American, clean-living kind of guy who was so enthusiastic and conscientious about the game."

Wendt, now in the oil equipment business in Odessa, Texas, still holds school records with his 326 rushing yards and his 1,570 yards for that 1948 season. He is the No. 3 career rusher, with 2,166 yards, 40 years after he finished playing.

That's not bad for a guy who couldn't play offensive guard.

Share
an ice
an ice
cold coors
of cours
butth a friend
of yours

Orígínal Draft

A new term hit football's lexicon in 1958-the lonely end.

It was Earl "Red" Blaik's idea to open up his offense by having one of his ends, specifically Bill Carpenter, stationed far to the outside on every offensive play. He not only lined up wide on every play, he even stayed there after the play was over, not even coming into the huddle to hear the play called.

Earlier that year, at the American Football Coaches Association meeting in Chicago, Blaik outlined the rudiments of his idea to his former assistant, Andy Gustafson, then head coach at the University of Miami.

"It's a great idea, Red," Gustafson said, "but if you make that player run back and forth between the huddle and the near sideline on every play, you'll wear him out physically."

Blaik thought about that, and thus came up with the idea to post Carpenter at that spot throughout the game, and never allow him into the huddle. He then came up with a method of communication, one of the most sought-after secrets of the entire 1958 season, during which Army was unbeaten and won the Lambert Trophy as the





Justify the Means

East's top team.

"It all revolved around our quarterback, Joe Caldwell," said Blaik, who retired to Colorado after that 1958 season, to work with his sons, Bill and Bob (a former West Point quarterback), in the energy and cattle business.

"When Caldwell stood in the huddle with his feet squared, the upcoming play was a run. If either foot was advanced, it was a pass.

"If it was a run, there were five different fundamental blocking assignments for Carpenter to choose from. If it was a pass, he followed one of the same routes as he would if he were going to block," Blaik continued.

"Bill knew which one of the five on a signal flashed to him by halfback Pete Dawkins as Pete moved from the huddle to his position as setback or wingback. Thus, Carpenter knew precisely which route to take, and either blocked in the secondary or was in a position to take a pass. And, on either run or pass, the defense was forced to cover him.

"And," Blaik added, "the lonely end formation was fundamentally to the right. So when Carpenter, after a play, saw that the team would have to line up too close to the right hash mark for him to set the distance required by the lonely end, he would, prior to the huddle, automatically post himself as a flanker split wide to the left. This signaled Caldwell to call formation left."

The term itself, lonely end, was coined by Stanley Woodward, then the sports editor of the New York Herald Tribune, a long-time friend of Blaik's and one of sports journalism's foremost football experts.

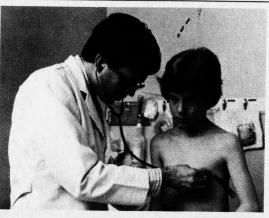
It came after Army opened the season with a momentous 45-8 victory over a fine South Carolina team, and while it called attention to the formation, Carpenter him-

Most people think heart disease happens only in the elderly.

It happens in children as well. Things like rheumatic heart disease and congenital heart defects. Each year, nearly one million Americans of all ages die of heart disease and stroke. And 20,000 of them die from childhood heart diseases.

The American Heart Association is fighting to reduce early death and disability from heart disease and stroke with research, professional and public education, and community service programs.

But more needs to be done. You can help us save young lives by sending your dollars today to your local Heart Association, listed in your telephone directory.



Put your money where your Heart is.



self played second fiddle that season to Dawkins, who won the Heisman Trophy. Part of the reason was that Carpenter was only a junior and Dawkins, who was the team's captain and a most eloquent spokesman, simply mesmerized the media with his poise and intelligence.

Later, both men became generals and bemedaled heroes during the Vietnam war. In fact, Carpenter earned the Distinguished Service Cross in Vietnam.

Now a major general (Dawkins retired several years ago from the Army), Carpenter is one of the Army's best officers, whose career continues to shine as brightly as his football career did at West Point.

And his football career, both in 1958 and in 1959, was superb. As the lonely end, he was a marked man, but nonetheless became Caldwell's favorite passing target. On defense, he was a terror-a tough, rugged and resourceful player who exhibited the same tenacity that later made him a military hero.

Army halfback Pete Dawkins was a key part of the lonely end formation. Through Dawkins' signals, Bill Carpenter found out what the play was despite never coming to the huddle.





Lighting the

Boilermakers' Fire

Leroy Keyes of Purdue was arguably the most versatile and productive player that college football has seen over the last few

decades.

In 1967 he was the third-highest votegetter for the Heisman Trophy, won by UCLA quarterback Gary Beban. Going into the 1968 season, he and O.J. Simpson were considered the most likely to win the award, and Keyes' Purdue team was the preseason pick to win the national championship.

Alas, neither came to pass-but no one can fault Keyes. The 6-3, 208-pounder from Newport News, Va., gave one of the sport's best single-season performances. continued

Not only was he an All-America at running back, but he played flanker and defensive back and kicked off for his team. Oh yes, he was also team captain.

When the Boilermakers played Notre Dame, the Irish featured quarterback Terry Hanratty and end Jim Seymour, the nation's best pass-catch tandem. During the week before the game, Purdue coach Jack Mollenkopf asked Keyes if he would play cornerback on defense in addition to his offensive duties to help bolster the defense against what Mollenkopf knew would be a ferocious passing attack.

"I had played defensive back in high school and even some during my sophomore season at Purdue," said Keyes, who now works as a desegregation specialist in the Philadelphia school system and runs youth athletic programs. "I felt I could do it, but mainly, if it meant it gave us a chance to win, then it was important for me to take on the extra job."

Well, it did help Purdue to win, 37-22. He did not allow Seymour to catch a pass, but such was his athletic ability that Notre Dame soon ran its pass offense away from him. On offense that day, he also gained 90 yards rushing, and had TD runs of 16 and 18 yards. He even threw a 17-yard touchdown pass and caught three others for 33 yards.

Afterward, he said: "Winning this game is more important than winning the Heisman Trophy. A lot of guys wind up winning the Heisman Trophy, and some of them are rarely heard of again. But if you can lead your team to a national championship, then no one ever forgets."

It appeared that he was en route to doing just that until the top-ranked Boilermakers got flattened by Ohio State two weeks later. Purdue was a 13-point favorite, but lost, 13-0. For his part, Keyes was suffering from badly bruised ribs and



Behind the versatile Leroy Keyes, Purdue defeated Notre Dame, 37-22, and made a serious bid for the national championship.

wound up playing flanker for most of that game, thus depriving Purdue of its most fearsome running weapon.

In the next poll, the Boilermakers wound up as the fifth-ranked team, and Southern Cal and Simpson were No. 1.

"O.J. carried the ball 25 and 30 times a game because he was Southern Cal's of-

fense," Keyes said without bitterness. "I couldn't do that, but I could carry it 15 or 20 times, catch four or five passes, play cornerback and kick off.

"Purdue was not a glamour team like Southern Cal. We played in the Big Ten, and in the minds of many, all we did was play Big Ten teams. We didn't run student body right and student body left, but we mixed it up so that no one player ever had to carry all the load.

"Voters in the Midwest had several choices for the Heisman, so no one could capture all of the votes. All the writers west of the rockies had Southern Cal and Simpson, and no one else. All of those were factors.

"Still, I can look back and know that as a kid who came from Newport News, Va., I was a two-time All-America; and I was third one year and second the next in the Heisman Trophy voting. That's not too shabby."

His fondest memory is of his final game against Indiana.

"That was for the Olde Oaken Bucket, and I wanted to put a 'P' on it as a great way to go out," he recalled. "It meant a lot to the alumni to win that, and it meant a lot to the seniors. Sort of a last hurrah."

Purdue trailed, 28-17, going into the final quarter before Keyes closed the gap to 28-24 with a one-yard TD run. Then the Hoosiers' Harry Gonso threw a TD pass that seemed to seal the game.

But on their next possession, the Boilermakers scored on Mike Phipps' 56-yard TD pass to Keyes, and when they got the ball for the last time it was all Keyes. He barreled in from the one-yard line with the winning TD with just 90 seconds to play.

"That is what I remember best about my college football career—the times when it took 110 percent to win. It was the way I was taught to play the game."



ern California each season, they present the kind of football rivalry that makes college football so unpredictable and nerve-wracking for those who coach, play or follow each team.

When Notre Dame plays South-

Let's take a look back over the past half century and see why this rivalry has been so volatile:

•1938—Notre Dame was unbeaten and about to be crowned national champion

Touchdown

Trojan-Irish Rivalry Makes Life Unpredictable

when Southern Cal spoiled their party with a 13-0 victory.

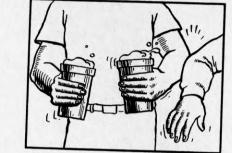
•1948—Notre Dame had won 21 games in a row, going back to 1946, and was in a red-hot battle with Michigan for a third consecutive national title when they had to battle back in the final minute of the game just to get a 14-14 tie against the Trojans in Memorial Coliseum. Gone were the dreams of that national title.

•1958—Notre Dame won, 20-13, but had to struggle against a Southern Cal team that won only four games that year.

•1952—Notre Dame got some revenge for the 1948 tie when the Irish upset the Trojans, 9-0, and cost them a chance to continued

BUD LIGHT'S GUIDE TO FOOTBALL





HAND OFF



ELIGI

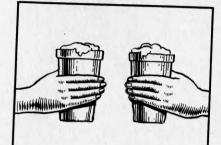


PILING ON

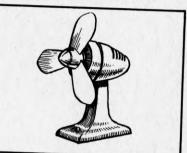
ROUGHING THE PASSER



ELIGIBLE RECEIVER



DOUBLE COVERAGE



FAN



FUMBLE

Everything else is just a light.

HOW SHARP ARE YOU?

What Maryland player won the 1974 Lombardi Trophy?

What two teams play each year for "The Bayou Bucket"?

3 Which Big Ten coach will gain his 100th career victory in 1988?

Name the school with the most Division I All-Americas, but none since 1944.

Match these Bowls with their former host cities: Raisin, Salad and Oil?

What two teams have played the most times in NCAA history?

7 This Colorado speedster scored eight career touchdowns on kick returns.

This "Famous" North Carolina 8 back rushed for 1,000 yards four times.

9 What Texas school has won seven national titles?

ANSWERS -

10 Name the NCAA coach with the best all-time winning percentage.

11 Name the 1987 Outland Tro-phy winner.

12 What Tulsa receiver amassed over 200 yards in five 1965 games?

13 What team won the 1986 Pac-10 championship?

14 George "Papa Bear" Halas played in what collegiate bowl game?

15 What Plymouth State player is the NCAA career scoring leader?

16 Who is Penn State's only Heis-man Award winner?

This Coach of the Year led Minnesota to the 1960 national title?

18 What school holds the NCAA Division I record winning streak?

20 What Texas Tech player carned the MVP award in the

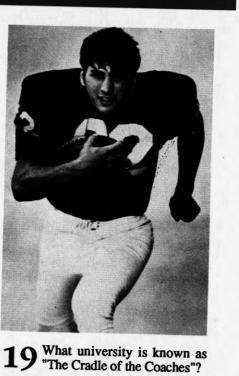
Bonus-Can you name the members of the 1982 Consensus All-America backfield?

1976 Bluebonnet Bowl?

1. Randy White. 2. Houston-Rice. 3. Fred Akers, Purdue. 4. Yale, 100. 5. Fresno, Phoenix, Houston. 6. Lafayette-Lehigh, 123 games since 1884. 7. Cliff Branch, 1970-71. 8. Amos Lawrence. 9. Texas A&I (NAIA). 10. Notre Dame's Knute Rockne, .881%. 11. Chad Hennings of Air Force. 12. Howard Twilley. 13. Arizona State. 14. The 1919 Rose Bowl. 15. Joe Dudek 1982-83, 474 points. 16. John Cappelletti 1973. 17. Murray Warmath. 18. Oklahoma, 47 wins, 1953-57. 19. Miami, Ohio. 20. Rodney Allison. Bonus: QB-Stanford's John Elway, RB-SMU's Eric Dickerson, RB-Georgia's Herschell Walker, RB-Nebraska's Mike Rozier.

The Sharp Electronics Sports Trivia Quiz





No matter what your business, Sharp means business, from heavy construction to high fashion to world banking. Right now, all over America, more Sharp fax machines are being bought than any other brand. Sharp is ringing up the most electronic cash register sales in the country. Sharp computers are breaking sales records. Sharp copiers are rated number one in the country for



"WHEN I SAY SHARP I MEAN BUSINESS!"

copy quality. And Sharp business calculators are the number one sellers, coast to coast. No wonder more and more companies are relying on Sharp's advanced technology and quality products. What will Sharp mean to you? Business. Good business. Call 1-800-BE-SHARP, and we will tell you more.

BANKING SYSTEMS • CALCULATORS • COMPUTERS • COPIERS • ELECTRONIC CASH REGISTERS & TYPEWRITERS • FACSIMILE MACHINES • LASER PRINTERS

move Michigan State out of the No. 1

•1968-This time, the Irish cost Southern Cal a possible national title, tying the Trojans, 21-21, and helping Ohio State win the crown. It was Southern Cal's only regular-season loss, though the Buckeyes did beat them in the Rose Bowl.

•1969-Notre Dame got a 14-14 tie, spoiling Southern Cal's perfect season and, with it, a chance to move Texas from the national championship.

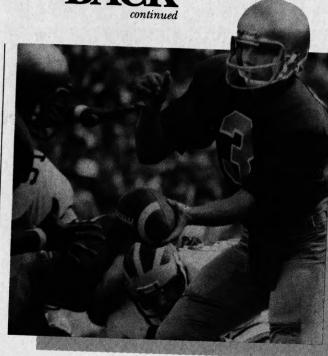
•1973-The Trojans' 23-14 loss to Notre Dame was the only one they suffered that year (they tied Oklahoma, 7-7). With their 24-23 win over Alabama in the Sugar Bowl, the Irish got the national championship.

•1974-Notre Dame led USC, 24-7, at the half and wound up losing, 55-24, as Anthony Davis tore through them. That victory got USC a national championship, and it cost the Irish one.

All of which brings us to 1978, with another national championship on the line for both teams. In a game in which Charles White would rush for 205 yards and quarterback Paul McDonald would hit more than 280 passing and throw a pair of TD passes, the Trojans handled the Irish in good fashion in the first half to lead, 17-3. They upped the lead to 20-3 in the third quarter after White scored.

However, Notre Dame had Joe Montana at quarterback. He wrote his name into the Irish history book time and again when his team was behind and looked hopelessly out of the game. It didn't matter on this day that Notre Dame's two best runners, Vagas Ferguson and Jerome Heavens, both were out with injuries, because Montana made this a one-man show.

Trailing early in the fourth quarter, 24-6, he startled Southern Cal with a 57-yard touchdown pass to little-used Kris Haines to make the score 24-13.



On the next series, the Irish defense, suddenly revitalized by this thunderbolt, stopped White on two runs, throwing him for losses both times, and hammered down McDonald, forcing the Trojans to punt.

Montana went to work again, this time spreading the ball long and short to nearly every receiver and back. It seemed that the Irish marched 98 yards down the field one yard at a time, finally getting to the oneyard line. Pete Buchanan ended the drive by diving over for a touchdown with three minutes to play, and though they missed the extra point, Notre Dame trailed only 24-19 and was in good position to win.

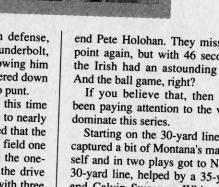
And when they got the ball back with less than two minutes to play, it looked as if that would happen. Montana had Southern Cal's defense on the run. He moved his team to the two-yard line and then polished off the Irish's third touchdown drive of the quarter with a two-yard pass to tight

end Pete Holohan. They missed the extra point again, but with 46 seconds to play, the Irish had an astounding 25-24 lead. And the ball game, right?

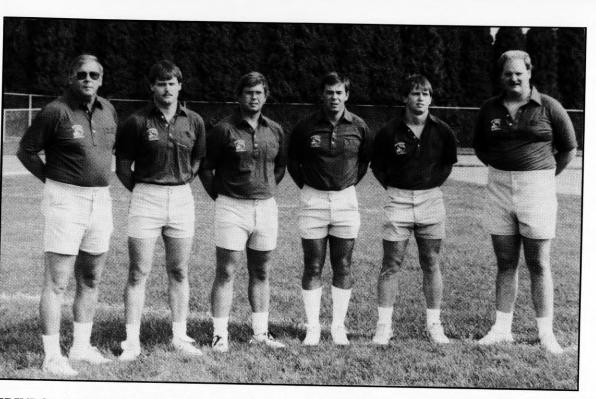
If you believe that, then you haven't been paying attention to the vagaries that

Starting on the 30-yard line, McDonald captured a bit of Montana's magic for himself and in two plays got to Notre Dame's 30-yard line, helped by a 35-yard pass to end Calvin Sweeney. White then peeled off another five yards, and Southern Cal used a time out with two seconds to play. In came kicker Frank Jordan, who had not missed either a field goal or an extra point all year, and he kept that record in tact by booting a 37-yard kick.

Final score: Southern Cal 27, Notre Dame 25. Aptly, New York Times columnist Red Smith called it "the gaudiest game in the 50 years of the rivalry."



Joe Montand arterbacked Notre Dame to three fourth-quarter ouchdowns against USC to cap a furious Irish comeback and add fire to the 50year rivalry. But the Trojans won in the game's final seconds.



EDINBORO UNIVERSITY'S 1988 FOOTBALL COACHING STAFF: (L-R) Head Coach Tom

Edinboro Foodmart John and Larry's Village Mall



STORE HOURS Monday-Saturday 8:00 a.m.-9:00 p.m. Sunday 9:00 a.m.-5:00 p.m.



Chairman George R. Tauber Publisher Robert L. Fulton **Dir. of University Services** John Askins

National Account Managers

NEW YORK: Neil Butwin, Exec. VP/Marketing & Sales; Cecil Lear, VP/Nat. Adv. Dir.; Neil Farber, VP; Sean Hallinan, Sports Promotions Mgr.; Chris Haggerty, Thom Herring 600 Third Ave., New York, NY 10016 (212) 697-1460 SAN FRANCISCO: Bud Elder, Bill Prucha 450 Sansome St., San Francisco, CA 94111 (415) 398-1919 National Advertising Representatives

DETROIT: E. Jones and Associates, Inc. Ernest Jones, Toby Jones. (313) 540-3070 NEW YORK: Pro Sports Promotions & Sales Robert F. Corrao (914) 232-8418

Touchdown Illustrated is published six times between September 1 and December 1 each year at 450 Sansome Street, San Francisco, CA 94111. All contents of this issue of Touchdown Illustrated copyright © 1988 by Touchdown Publica-

tions. Reproduction without prior written permission is strictly forbidden. Subscription price is \$150 per year.



Hollman, Gene Smith, Scott Browning, Mark Niswonger, Dan Gierlak, and Paul Dunn.

COMPLETE LINE OF Grocery O Meat O Produce Frozen Food O Dairy O Deli and Bakery Products

ATHLETIC STAFF





Todd V. Jay

ASSOCIATE ATHLETIC DIRECTOR **DR. KATHLEEN LIPKOVICH**

Dr. Kathleen Lipkovich was named Edinboro's first associate athletic director at the outset of the 1981 school year to help administer both the men's and women's athletic program.

Originally from Youngstown, Ohio, Dr. Lipkovich has had teaching and coaching experience at West Virginia University, Central Connecticut State College, and Trinity College. The Ohio native, who graduated from Chaney High School, began her teaching and coaching career in 1972 with the Howland School District in Howland, Ohio, and then held a similar position from 1972 through 1975 at McDonald High School in McDonald, Ohio.

The 1972 Youngstown State graduate received her M.S. degree in 1975 from West Virginia University and was awarded a doctorate from that same institution in 1977 after majoring in educational administration prior to her arrival at Edinboro.

SPORTS INFORMATION AND **PROMOTIONS DIRECTOR TODD V. JAY**

Todd Jay begins his fourth year of publicizing Edinboro University's athletic program and assisting in sports promotion for the Fighting Scots. A graduate of Clarion University of Pennsylvania, Todd received a bachelor of science in education in 1982 and a master of science in communications in May of 1985. The New Castle native served as assistant to the sports information director at Clarion.

Since joining the staff, Jay has promoted 15 intercollegiate sports, hosted a weekly television show, and assisted in overall sports promotion. He received an award from the Amateur Wrestling News for his publications for the USA-Cuba wrestling meet.

A three-year letterwinner in baseball at Clarion, Jay served as news-sports reporter for the New Castle News, while also serving as assistant basketball coach for Neshannock High School during his teaching stay in New Castle.

The voice of the Fighting Scots for home football games, Todd resides in Edinboro.





Harold "Hal" Umbarger

George Roberts

ASSISTANT TO THE ATHLETIC DIRECTOR HAROLD "HAL" UMBARGER

Harold "Hal" Umbarger joined Edinboro University's athletic staff five years ago as assistant to the athletic director. He brings a wealth of talent and experience to the administrative level of the athletic program and plays a vital role in overseeing the academic progress of student athletics as well as coordinating the on-going functions of the athletic director's office and the summer programs which involve the department. The West Newton, Pa., native is a 1954 Slippery Rock University graduate and also owns a master's degree from Penn State. After a three-year stint with the U.S. Army Security Agency in Europe, he coached basketball and baseball at Moshannon Valley (Pa.) High School before accepting a guidance position in the West York Area School District in 1961. He became a member of Edinboro's admissions office a year later and in 1967 was named director of admissions.

DIRECTOR OF SPORTS MEDICINE **GEORGE ROBERTS**

George M. Roberts of Titusville, Pa., is beginning his fourth year as director of sports medicine at Edinboro University.

A 1972 graduate of Titusville High School, Roberts received a bachelor of science from Edinboro in 1976. He completed the NATA (National Athletic Trainers Association) curriculum at West Chester University and earned a master of education degree from Slippery Rock University.

In his most recent position, the newest addition to the Fighting Scot athletic staff was employed as athletic trainer at Hamot Medical Center in Erie, Pa. He served as student trainer during his college career and from 1976 to 1984, Roberts was a teacher, trainer, and assistant football coach at Titusville High School.

Since 1980, Roberts has spent much of his time as a trainer for the National Sports Festivals (III, IV, and V), for the World University Games in Edmonton, Alberta, and for the United States Olympic Team during the 1984 Summer Olympics in Los Angeles.

Roberts is a member of the National Athletic Trainers Society, the National Education Association, and the Pennsylvania State Education Association.

George and his wife, Penny, have a six-year-old daughter, Kristin.

CHECKING THE RECORDS

INDIVIDUAL

LONGEST SCORING PLAYS RUN FROM SCRIMMAGE 91, Joe Sanford vs. Waynesburg, 1971 91, Al Raines vs. Waynesburg, 1971 PASS 92, Tim Beacham from Steward Ayers vs. Shippensburg, 1980 87, Jim Romaniszyn from Scott McKissock vs. West Chester, 1971 FIELD GOAL 52, Darren Weber vs. IUP, 1987 49, Rich Ruszkiewicz vs. Clarion, 1982 47, Rich Ruszkiewicz vs. Bloomsburg, 1981 47. Rich Ruszkiewicz vs. California, 1979 PUNT RETURN 85, Jack McCurry vs. Shippensburg, 1971 82, Tim Beacham vs. Clarion, 1980 80, Floyd Faulkner vs. California, 1986 KICKOFF RETURN 100, Cleveland Pratt vs. Lock Haven, 1987 100, Eric Bosley vs. West Liberty, 1984 98, Tim Beacham vs. Millersville, 1977 INTERCEPTION RETURN 102, Jack Case vs. Brockport, 1962 **FUMBLE RETURN** 80, Bob Cicerchi vs. Millersville, 1980 RUSHING MOST YARDS GAINED Game - 295, Al Raines vs. Lock Haven, 1969 1/2 Game - 218, Al Raines vs. Lock Haven, 1969 Season - 1358, Al Raines, 1971; 1239, Dave Green, 1975 Career - 3399, Al Raines, 1969-70-71 LEADING RUSHING AVERAGES Season - 138.8, Al Raines, 1970 (6 games) 135.8, Al Raines, 1971 (10 games) Per Carry - 8.7, Al Raines, 1971; 7.2, Bob Klenk, 1983; 6.5, Floyd Faulkner, 1986 Career - 6.7, Al Raines, 1969-71 MOST CARRIES Game - 36, Jim Romaniszyn vs. West Chester, 1970 Season - 217, Dave Green, 1975 Career - 506, Al Raines, 1969-71; 361, Dave Green, 1975-76 PASSING MOST YARDS GAINED Game - 376, Scott Dodds vs. Fairmont State, 1986 300, Blair Hrovat vs. California, 1982 275, Mike Hill vs. California, 1976 271, Scott Dodds vs. Lock Haven, 1986 Season - 1903, Jim Ross, 1987; 1752, Scott Dodds, 1986; 1702, Blair Hrovat, 1982 Career - 5103, Blair Hrovat, 1981-84 MOST COMPLETIONS Game - 25, Scott Dodds vs. Lock Haven, 1986 23, Scott Dodds vs. Fairmont State, 1986 21, Scott Dodds vs. West Chester, 1986 20, Scott Dodds vs. Mansfield, 1986 Season - 153, Scott Dodds, 1986; 147, Jim Ross, 1987; 111, Scott Dodds, 1985; Career - 309, Blair Hrovat, 1981-84 276, Scott Dodds, 1983-86

MOST TOUCHDOWN PASSES Game - 5, Scott Dodds vs. Fairmont State, 1986; 4, Blair Hrovat vs. Buffalo St. and Mercyhurst, 1983; vs. California, 1982 Season - 19, Blair Hrovat, 1983; 17, Scott Dodds, 1986 Career - 49, Blair Hrovat, 1981-84 31, Scott Dodds, 1984-86 21, Jude Basile, 1973-75 MOST ATTEMPTS Game - 42, Tom Mackey vs. Clarion, 1968 Season - 276, Jim Ross, 1987; 243, Scott Dodds, 1986; 216, Scott Dodds, 1985 Career - 618, Blair Hrovat, 1981-84 PASS RECEIVING MOST YARDS GAINED Game - 248, Tim Beacham vs. Univ. of Buffalo, 1980 (10 rec.) Season - 972, Howard Hackley, 1976 Career - 2467, Howard Hackley, 1973-76 1712, Tim Beacham, 1977-80 MOST RECEPTIONS Game - 10, Bob Jahn vs. California, 1978 10, Tim Beacham vs. Fairmont, 1979 10, Tim Beacham vs. Univ. of Buffalo, 1980 Season - 47, Howard Hackley, 1976 Career - 135, Howard Hackley, 1973-76 MOST TOUCHDOWN RECEPTIONS Game - 3, Bob Suren vs. Lock Haven, 1986 3, Eric Bosley vs. Buffalo State, 1983 3, Mike Romeo vs. Eureka, 1971 3, Tim Beacham vs. Univ. of Buffalo, 1980 Season - 9, Howard Hackley, 1976 Career - 18, Howard Hackley, 1973-76 14, Tim Beacham, 1977-80 10, Jim Romaniszvn, 1970-72 **TOTAL OFFENSE** MOST YARDS GAINED Game - 358, Scott Dodds vs. Fairmont State, 1986 340, Blair Hrovat vs. Lock Haven, 1982 318, Al Raines vs. Lock Haven, 1969 Season - 1938, Blair Hrovat, 1983; 1931, Blair Hrovat, 1982; 1863, Scott Dodds, 1986 Career - 6070, Blair Hrovat, 1981-84 MOST PLAYS Game - 48, Tom Mackey vs. Clarion, 1968 Season - 342, Blair Hrovat, 1983 Career - 995, Blair Hrovat, 1981-84 PUNTING HIGHEST AVERAGE Game - 46.4, Frank Berzansky vs. Clarion, 1971 (5 punts) Season - 41.9, Mike Raynard, 1987 (48) 40.5, Kevin Conlan, 1984 (42) 39.4, Dan Fiegl, 1976 (57) Career - 38.5, Dan Fiegl, 1975-77 Longest - 82, Kevin Conlan vs. Clarion, 1983 PUNT RETURNS MOST YARDS RETURNED Season - 540, Birt Duncan, 1961 (15 ret.) Career - 540, Birt Duncan, 1961

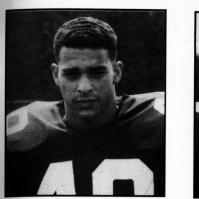
KICKOFF RETURNS MOST YARDS RETURNED Season - 757, Eric Bosley, 1984 (27.0) 700, Cleveland Pratt, 1987 (26.9) Career - 1247, Eric Bosley, 1984 (24.0) SCORING MOST POINTS Game - 30, Jim Romaniszyn vs. Lock Haven, 1972. Season - 98, Al Raines, 1971 Career - 236, Al Raines, 1969-71 MOST TOUCHDOWNS Game - 5, Jim Romaniszyn vs. Lock Haven, 1972 4, Al Raines vs. Lock Haven, 1970 4, Bob Mengerink vs. Slippery Rock, 1971 Season - 16, Al Raines 1971 Career - 39, Al Raines, 1969-71 MOST FIELD GOALS Game - 4, Jim Trueman vs. Central Connecticut, 1985 3, Jim Trueman vs. Shippensburg, 1984 3. Tom Rockwell vs. Lock Haven, 1969 3, Frank Berzansky vs. Waynesburg, 1972 3, Rich Ruszkiewicz vs. Shippensburg and California, 1980: New Haven, 1982; New Haven, 1981 Season - 15, Rich Ruszkiewicz, 1982; 12, Rich Ruszkiewicz, 1981; 11, Rich Ruszkiewicz, 1980; 11, Jim Trueman, 1984 Career - 43, Rich Ruszkiewicz, 1979-82 36, Jim Trueman, 1983-86 MOST EXTRA POINTS KICKED Game - 9, Jim Trueman vs. Shippensburg, 1986 8, Jim Trueman vs. District of Columbia, 1984 Season - 42, Jim Trueman, 1984 Career - 138, Jim Trueman, 1983-86 Most Consecutive - 41, Jim Trueman, 1984 29, Larry Littler, 1974-75 DEFENSE MOST PASSES INTERCEPTED Game - 4, Dan DiTullio vs. Shippensburg, 1968 Season - 8, Dave Parker, 1982; 8, Jack McCurry, 1971 Career - 13, Ken Petardi, 1976-79 12, John Walker, 1971-73 12, Ron Miller, 1977-80 12, Dave Parker, 1980-83 MOST TACKLES Game - 30, Rick Iorfido vs. Indiana, 1972 Season - 200, Jim Krentz, 1978; 182, Greg Sullivan, 1977: 171, Rick Iorfido, 1972 Career - 572, Jim Krentz, 1975-78 429, Greg Sullivan, 1974-77 428, Ron Gooden, 1974-77 MOST SACKS Game - 7, Ron Link vs. California, 1981 Season - 15, Ron Link, 1981 Career - 27, Ron Link, 1977-78-80-81

TEAM

SCORING MOST POINTS SCORED Game - 83 vs. Alliance, 1928; 74 vs. Mercyhurst, 1983 1/2 Game - 43 vs. Mercyhurst, 1983; 42 vs. Shippensburg, 1971 Season - 412 by 1983 team Best Scoring Average - 41.2 by 1983 team

RUSHING MOST YARDS GAINED Game - 549 vs. Waynesburg, 1971 Season - 3078 by 1971 team BEST GAME AVERAGE 307.8 by 1971 team BEST AVERAGE PER RUSH 6.2 by 1971 team MOST CARRIES Game - 71 vs. California, 1979; 67 vs. Slippery Rock, 1970 Season - 571 by 1970 team PASSING MOST YARDS GAINED Game - 376 vs. Lock Haven, 1986; 327 vs. California, 1987 Season - 1870 by 1986 team; 1793 by 1982 team; 1667 by 1984 team MOST COMPLETIONS Game - 25 vs. Lock Haven, 1986 MOST ATTEMPTS Game - 44 vs. Clarion, 1968 Season - 315 by 1968 team MOST TOUCHDOWN PASSES Game - 5 vs. Fairmont State, 1986 Season - 19 by 1983 team; 19 by 1986 team **TOTAL OFFENSE** MOST YARDS GAINED Game - 606 vs. Shippensburg, 1986; 605 vs. Lock Haven, 1983 Season - 4611 by 1983 team; 4244 by 1971 team **PASS INTERCEPTIONS** MOST INTERCEPTED Game - 6 vs. Shippensburg, 1983 Season - 26 by 1971 team DEFENSE FEWEST POINTS YIELDED Season - 40 by 1928 team FEWEST RUSHING YARDS YIELDED Game - Minus 67 vs. Curry, 1965 Season - 645 by 1970 team FEWEST PASS COMPLETIONS Game - 0 (numerous times) Season - 37 by 1965 team FEWEST PASSING YARDS YIELDED Game - 0 (numerous times). Season - 441 by 1973 team CONSECUTIVITY MOST CONSECUTIVE WINS - 18, 1970-72 (reg. season) MOST CONSECUTIVE GAMES WITHOUT A LOSS - 21, 1969-72 (regular season) MOST CONSECUTIVE CONFERENCE GAMES WITH-OUT A LOSS - 13, 1969-72 MOST CONSECUTIVE ROAD VICTORIES - 15, 1981-84 **ALL-TIME BESTS** MOST WINS IN A SEASON - 9 by 1982 and 1970 teams BEST OFFENSIVE AVERAGE - 461.1 by 1983 team BEST DEFENSIVE RUSHING AVERAGE Game - 56.0 by 1957 team Rush - 1.7 by 1970 team BEST TOTAL DEFENSIVE AVERAGE Game - 199.3 by 1970 team BEST DEFENSIVE SCORING AVERAGE 4.3 by 1928 team (7 games) NUMBER OF WINNING SEASONS -16 50th WIN - Ashland College (45-6), 1957 100th WIN - California (47-7), 1971 150th WIN - California (58-20), 1982

MEET THE PLAYERS





Scott Anderson

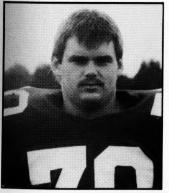
Corellis Barber





Rob Brownrigg

Elbert Cole



Mark Courtney

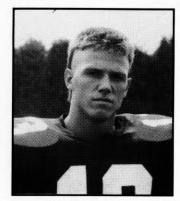


Dean Gallagher



Merrell Davis

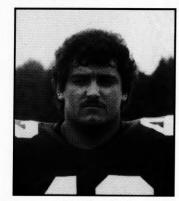




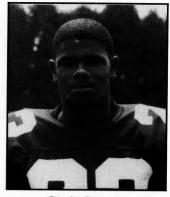
Jason Benham



Joe Brooks



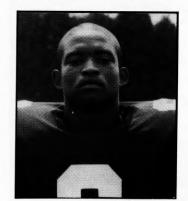
Chip Conrad



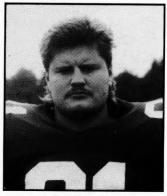
Chris Conway



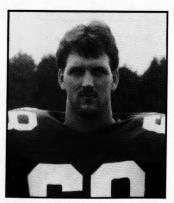
Harold Donahue



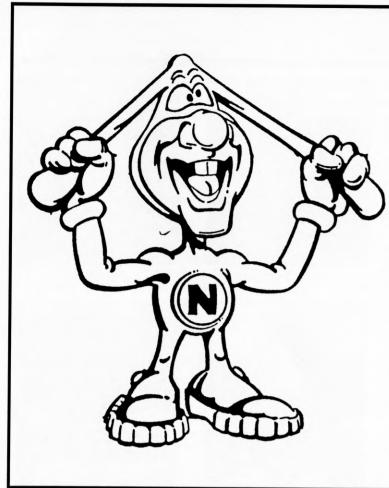
Mikel Green



Brian Ferguson



Glenn Gross



GO SCOTS, AVOID THE NOID

453-6938 442 W. 18th St. Downtown Erie

868-0971 4801 Peach St. Upper Peach Area

833-8000 2823 W. 26th St. Ferrier Plaza

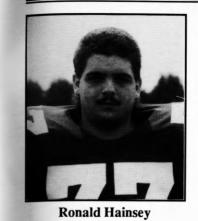
899-1999 4265 Buffalo Rd. Eastway Plaza

734-4481 218 Waterford St. Edinboro DOMINO'S PIZZA DELIVERS FREE



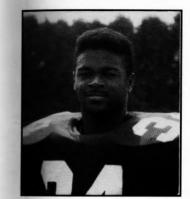
©1986 Domino's Pizza, Inc.







Andrew Hibbert

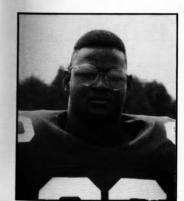




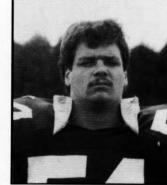
N





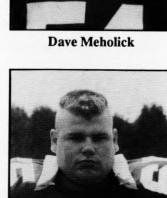


Randy McIlwain





David Pinkerton





Bradley Powell

Northwestern Rural Electric Cooperative Association, Inc.





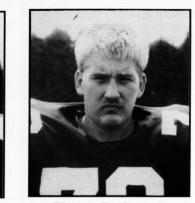
122 Erie Street Edinboro, Pa. 16412 Phone (814) 734-1639

Airline Reservations and Tickets Train Reservations and Tickets Hotel and Car Reservations Cruises and Tours Connect with quality...



229 Waterford Street Edinboro, Pa. 16412 (814) 734-1631 Telex: 914-490

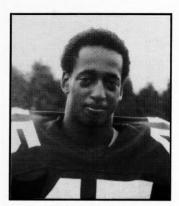




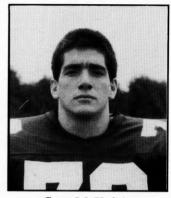
Thomas Izydorczak



Jeffrey Jacobs



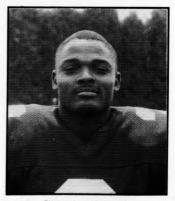
Brian Keaton



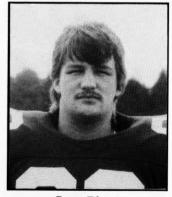
Sean McKnight



Matthew Miller



Cleveland Pratt



Scott Pierce



James Ross



Process Measurement & Control

Flow * Level * Pressure * Temperature

Telex: 559453 Telephone: (814) 734-4757

13160 Water Street Ext. P.O. Box 819 Edinboro, PA 16412



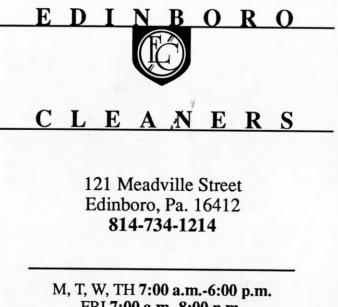
Uncle Charlie's Family Restaurant and Pub

Dinners + Salads Pizza + Hoagies + Calzones

All Legal Beverages including Frosted Pitchers & Mugs Larger seating capacity

EDINBORO MALL 734-1715

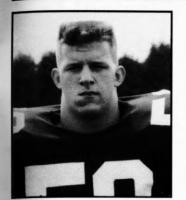


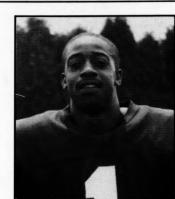


FRI 7:00 a.m.-8:00 p.m. SAT 7:00 a.m.-1:00 p.m.

Owners: Ed and Celeste Marceca

MEET THE PLAYERS





Kurt Schmidhamer

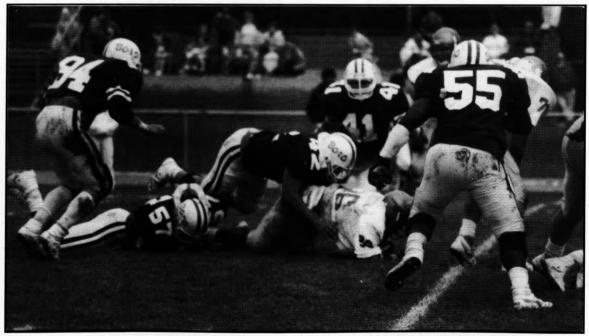
John Toomer



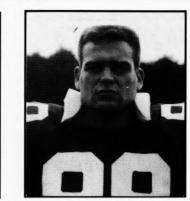


Darren Weber

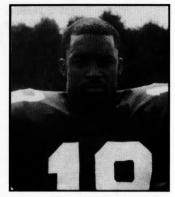
John Williams



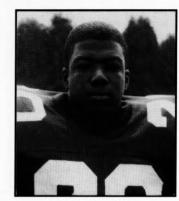
30



Larry Wanat



Claude Webb



Michael Willis



Mike Yondo

Al Donahue (94), John Williams (57), Chip Conrad (42), and Bill Clark (55)



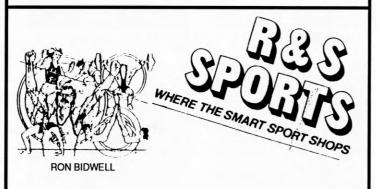
The Subway Shop wishes the Fighting Scots great success this year

> 210 Waterford St. Edinboro, Pa. 16412 734-1159

> > WE DELIVER



1 Fountain Avenue Cambridge Springs, Pa. 16403 398-4645



111 MEADVILLE ST. EDINBORO, PA 16412 Mon.-Sat. 10-5 (814) 734-7243

CREATIVE CUTTING CORNER

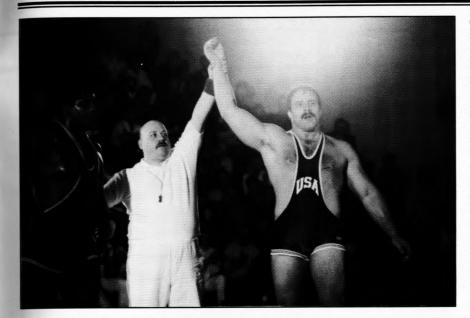
103 Erie Street For appointment call 734-5100

Tues., Wed., Fri. - 9 a.m.-5 p.m. Thurs - 9 a.m.-7 p.m. Saturday - 9 a.m.-2 p.m.



Across from the Edinboro Post Office

BAUMGARTNER - EDINBORO'S SUCCESS STORY



The word success has become synonymous with the name Bruce Baumgartner.

An NCAA crown, countless Invitational titles, eight Midlands Tournament championships, World Cup honors, the World Championship title and ultimately, the gold medal at the 1984 Olympic Games in Los Angeles.

It all sounds very familiar to those fortunate enough to know the "gentle giant.""

As assistant wrestling coach for the Edinboro University Fighting Scots, Baumgartner has experienced success as a coach and as an athlete. Around here, he will never be taken for granted.

"I am just thankful we have Bruce here right now," James McDonald, Edinboro athletic director said. "Edinboro University - not just the Edinboro wrestling program - is a better place because of Bruce Baumgartner."

A given fact in the world of athletics is that it is very difficult to repeat. This is the task that lies ahead for Baumgartner. The '84 games are still very fresh in everyone's mind, but Baumgartner seemingly feels no pressure.

"I know who my stiffest competition will be; there are no surprises ahead for Bruce Baumgartner," Bruce commented. "Aslan Khadartsev of the Soviet Union will likely be my main roadblock to the gold." Baumgartner lost to Khadartsev in the 1987 World Championships, but avenged the loss a week later in dual meet competition. His mark against the Soviet stands at 1-1. "The loss may have been good in a way," Bruce said. "When you get the taste of defeat, it only makes you hungrier. But I will not take my other competition lightly. When you are wrestling at this level, they are all world-class wrestlers."

Baumgartner's schedule is now devoted to training. He has been working out nearly five hours a day for the last few months and recently returned from the Olympic training site in Colorado Springs. The sport of wrestling is simply sacrifice and Baumgartner has no problem with that.

"I have always made the statement that I do not wrestle for the recognition, it is the drive and competitiveness that comes from within that keeps me going. I will not become complacent. The '88 Games are a great challenge that lies ahead for me, and I have always realized that I have to work very hard to meet that challenge," Baumgartner added. "I compete against myself; I simply have to keep pushing."

The success story of this 6-2, 275pound athlete began at the collegiate level. Not heavily recruited out of high school by the collegiate wrestling powers, Baumgartner chose Indiana State University. While showing academic excellence in the classroom (3.77 out of 4.0), he posted an impressive 134-12 record as a collegiate. He was twice national runner up and concluded his career with an unbeaten mark of 44-0 and a national championship title in 1982.

His classroom work also brought Baumgartner plenty of accolades as he was granted an NCAA post-graduate scholarship for his excellent grade point average and received his masters degree at Oklahoma State while also serving as an assistant wrestling coach.

After capturing the gold medal in '84, Baumgartner did not rest on his laurels. In '85 he won his second World Cup and the prestigious World Super championships in Japan. In '86 he captured his third World Cup title, then finally won the one title that had eluded him - the World Championship - to become the first United States wrestler ever to win the world heavyweight crown, and the first to break the Soviet heavyweight reign since 1961.

As he prepares for the '88 Games, Baumgartner is coming off a very successful 1987 during which he captured the heavyweight title at the Pan-American Games in Indianapolis, took third in the World Championships, and won his eighth straight title at the Midlands Tournament.

The heavyweight wrestler set several records during the '87 Midlands Tourney. His eight consecutive titles are two ahead of the legendary Dan Gable and Ben Peterson who captured six straight. He has won 40 consecutive Midlands matches, breaking Gable's old mark of 31, and his overall slate of 43-2 gives him the most wins in Midlands history.

What lies ahead for Baumgartner? "I think he will go at least through the 1989 World Championships," said his wife Linda. "The loss to Khadartsev last year really inspired him to win another championship."

Bruce then acknowledged with a grin, "She's pretty smart about these things."

Win or lose come next month, Bruce Baumgartner has made Edinboro University and the community down right proud.

Baumgartner recently captured the silver medal at the 1988 Olympic Games in South Korea. He won four matches and lost one, the final to David Gobedjichvili of the Soviet Union by the score 3-1.

Congratulations, Bruce!



BLOOMSBURG CALIFORNIA CHEYNEY CLARION EAST STROUDSBURG **EDINBORO** INDIANA KUTZTOWN LOCK HAVEN MANSFIELD MILLERSVILLE SHIPPENSBURG SLIPPERY ROCK WEST CHESTER

STATE SYSTEM OF HIGHER EDUCATION COMMONWEALTH OF PENNSYLVANIA

James H. McCormick Chancellor

Greetings,

On behalf of the Board of Governors for the State System of Higher Education and the Office of the Chancellor, I am pleased to welcome you to today's exciting athletic contest.

Athletics, as well as academic programs, play an important part in reinforcing the skills and values needed to attain excellence. The ideas and ideals learned in the athletic arena are often significant contributions to success in the classroom.

The efforts of the young men and women who represent their universities are commended. These students sacrifice and persevere for the privilege of competing in intercollegiate sports.

Recognition must also be given to the excellent coaching staffs. It is their know-how and leadership which make this endeavor possible.

The Board of Governors, the university presidents, and I hope you will continue to support our System athletic programs. We appreciate your attendance.

Sincerely,

James H. McCormick

Official Football Signals



Backing the Scots

GARY B. MEANS D.M.D., F.A.G.D., F.A.D.I.*

120 Erie St. (beside Pots & Pansies) Edinboro, Pa. 16412 734-4451



Gum Treatment Wisdom Teeth Root Canals Dentures Braces Child Dentistry Sports Dentistry **Emergency Services**

STUDENTS WELCOME Participant in Pa. Blue Shield and Delta Dental 15 Years Experience in all Phases of Family Dentistry *Fellow Academy of General Dentistry

Fellow Academy of Dentistry International

Jay's Auto Wrecking

17 Acres of Late Model **Used Auto Parts**

Used Engines & Transmissions our Specialty Alternators **A** Starters **A** Glass

> ◆ Rear Ends ◆ Radiators ◆ ◆ Fenders & Body Panels ◆

734-4022 11610 Hamilton Road, Edinboro 1 mile off Rt. 99

"Go Boro"

Does your financial institution make you feel like an android?

Come to where the hometown touch still works. Come to Marquette Savings Association.

Millcreek



654 Millcreek Mall Erie, Pennsylvania 16565 Phone (814) 868-0000/868-9000

arguette

Six Convenient Locations.

Cambridge Springs

PIZZERIA

197 S. Main Street 🗇 398-4336 Pizza - Subs - Calzones - Antipastos

EDINBORO MEDICAL CENTER, Inc.

201 Waterford Street Edinboro, Pa. 16412 814-734-1618

TOM R. MILLER 11. MD JOHN L. MORRIS, MD PETER O. KROEMER, MD GARY C. TAYLOR, MD

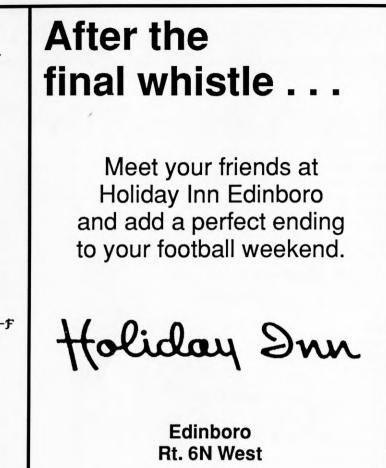
Appointments

Hours 9 a.m.-8:30 p.m. M-T-T-F 9 a.m.-2:30 p.m. Wed. 9 a.m.-12:30 p.m. Sat.

Good Luck Fighting Scots From the Staff at Edinboro Medical Center

Books Tapes Clothing Jewelry Food **Novelties** and a complete line of ART supplies

University Center Basement 8:30 a.m. - 4:30 p.m.



Campus Bookstore

Featuring:

1988 INDIVIDUAL AND TEAM STATISTICS

15.0

RUSHING

Name	G	ATT	YG	YL	NET	TD
Cole, Elbert	5	107	400	54	346	2
Conway, Chris	5	37	100	21	79	2
Anderson, Scott	5	26	88	11	77	0
Clare, Steve	2	8	48	0	48	0
Koehle, Matt	3	12	43	0	43	1
Toomer, John	5	1	7	0	7	0
Galupi, Hal	5	15	31	33	-2	0
Pratt, Cleveland	5	2	2	7	-5	0
Ross, Jim	5	_11	26	_46	-20	_0
Totals	5	219	744	172	572	5

PASSING

Name Galupi, Hal Ross, Jim Totals	G 5 5 5	ATT 98 <u>48</u> 146	C 53 <u>22</u> 75	INT YDS 6 606 <u>2 246</u> 8 852	TD 4 _0 4
	R	ECEIVI	NG		
Name	G	REC	YDS	TD	CG
Toomer, John	5	19	302	3	3.8
Pratt, Cleveland	5		239		3.4
Cole, Elbert	5	16	114	0	3.2
Davis, Merrell	5	6	49	0	1.2
Ferguson, Brian	5	i 4	55	0	.8
McIlwain, Randy	5	i 4	46	0	.8
Anderson, Scott	5	3	17	0	.6
Conway, Chris	5	3	15	0	.6
Gordon, Derrick	4	- 1	8	0	.2
Koehle, Matt	3	1	6	0	.3
Clare, Steve	2	1	1	0	.5

KICKOFF RETURNS

75

852

5

Totals

G	NO	YDS	AVG	TD
5	18	458	25.4	1
5	2	13	6.5	0
4	1	10	10.0	0
2	_1	.1	1.0	0
5	22	482	21.9	1
	PUNTS			
G	NO	YDS	AVG	L
5	35			52
5	35	1158	33.1	52
PUN	T RETU	IRNS		
NO	YDS	AVG		
7	29	4.1		
_1	_10	10.0		
8	39	4.9		
	5 5 4 2 5 6 5 9 0 0	$5 18 \\ 5 2 \\ 4 1 \\ -2 1 \\ 5 22 \\ PUNTS \\ G NO \\ -5 35 \\ 5 35 \\ PUNT RETU \\ NO YDS \\ 7 29 \\ -1 10 \\ $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

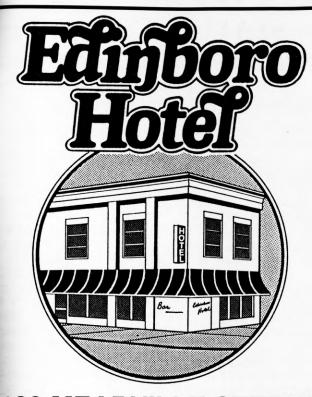
	_		_	_	_
FIE	LD GO	ALS			
Weber, Darren (3-6) 33,	54,	<u>30.</u>	<u>31.</u>	22,	38
1988 7	EAM	STATS			
		1	EU		OPP
TOTAL FIRST DOWNS			80		99
First Downs Rushing			41		53
First Downs Passing			35		38
First Downs Penalty			4		7
Rushing Attempts		219		223	
Yards Gained Rushing		744		1023	
Yards Lost Rushing	172		98		
NET YARDS RUSHING	572		925		
Passes Attempted	146		141		
Passes Completed		75	1	83	
Passes Had Intercepted			8		8
YARDS PASSING		8	52	;	906
Total Plays			63	, 	362
TOTAL OFFENSE		1424			1831
Completion Percentage		51.4			58.9
Fumbles		10			8
Fumbles Lost			4		7
Penalties		49		40	
Penalty Yards		403		333	
Average Per Play		3.9		5.1	
Kickoff Returns (YDS)		482		371	
Kickoff Returns Avg.		21.9		23.2	
Punts (YDS)		1158		793	
Punt Average		33.1		32.1	
Punt Return (YDS)		39		75	
Punt Return Avg.			4.9		9.4

1988 RESULTS (1-4)

	,		
EUP		OPP	ATT
7	Liberty Univ.	17	5,006
37	Saginaw Valley	28	4,975
14	New Haven	30	1,057
7	IUP	27	7,900
22	Kutztown Univ.	34	3,000

DEFENSE (TACKLES)

Name	UT	AT	TOT
Willis, Mike	38	43	81
Donahue, Al	23	29	52
Wayne, Michael	27	22	49
Webb, Claude	17	18	35
Anderson, Mark	20	10	30



100 MEADVILLE STREET EDINBORO, PA

A Cut Above

109 Erie Street Edinboro, Pa. 16412 814-734-5640

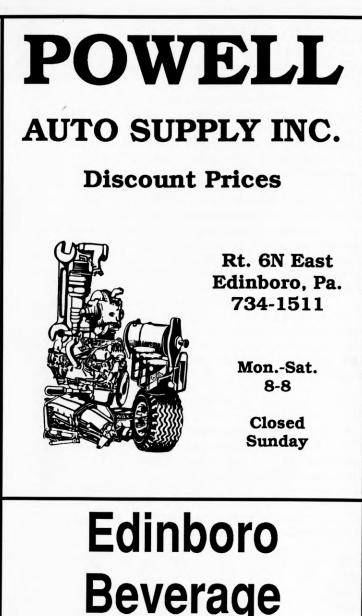
We use and recommend Paul Mitchell Products

Open 6 Days a Week

Mon., Tues., Fri. - 9 a.m.-5:30 p.m. Wed., Thurs. - 9 a.m.-9 p.m. Sat. - 8:30 a.m.-5 p.m.

H Α

Α



Beverage Distributor

Soft Drinks Legal Beverages Ice - Party Snacks

301 Erie Street Phone: 734-3621

In 1987 **GOLDEN EAGLES DOWN SCOTS 48-24**

The seventh week of the season saw a 2-4 Edinboro unit travel to Clarion's Memorial Stadium to take on rival Clarion in a PSAC-West grudge match. What followed was an offensive showcase by last year's PSAC Player of the Year.

Despite the performance of running back Elbert Cole, who rushed for 75 yards on just 12 carries, the Scots fell to Clarion by a score of 48-24. Eagle quarterback Doug Emminger lit up the Scot defense for 296 yards passing, completing 23 of 32 attempts and tossing four touchdown passes.

Emminger started early for Clarion. After the 'Boro was forced to punt on the opening offensive possession of the game, the Eagle QB drove his team 76 yards down field for the opening score, the drive culminating in Emminger's 15vard touchdown pass to Tony Giavedoni.

Ron Urbansky caught the next Emminger TD pass, a 10 yarder that gave CUP a 14-0 lead. Clarion added a Keith Powell one-yard run with just 15 seconds left in the half to make the score 21-0. With only a couple ticks left on the clock, it appeared the Scots were going to head into the halftime locker room down by 21. Enter 'Boro QB Jim Ross. On the last play of the half Ross took the snap from center and launched a rocket down the field to Ernest Priester for an 80vard touchdown pass. The PAT failed, and the Scots were still in the game, down 21-6 at the half.

The second half started with the play that halted any momentum that Ross' pass may have given Edinboro. On the opening kick-off, Eagle Sean Morrissy took the kick and proceeded to hand off to teammate Brenuan Nair on a reverse. Nair scampered up the field 55 yards to give the Eagles the ball on the Scot 31. From there, Emminger took control and fired up his third TD pass to Bob Quinn.

The Scots countered with a Darren Weber 42-yard field goal, but Clarion answered right back with a 72-yard scoring drive that ended with Emminger throwing his fourth TD pass to Jerry Starr, a 21-yard completion that made the score 35-9.

Ross finished up the third quarter scoring by taking matters into his own hands and running 26 yards for a touchdown and converting the two point conversion on another run to make the score Clarion 35, Edinboro 17 heading into the final quarter.

The final guarter saw Clarion score twice and Cleveland Pratt haul in a 15-yard TD pass from Scot backup QB Hal Galupi to make the final score Clarion 48, Edinboro 24.

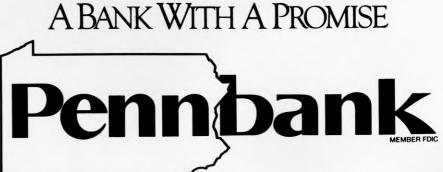
The story of the game was the play of Eagle QB Doug Emminger, voted PSAC Player of the Year last year. Clarion's defensive secondary controlled Edinboro for the most part, keeping the tandem of Ross and Galupi in check. Final passing stats of 6 for 13 for 148 yards and one interception told the tale as Clarion was able to defense Edinboro's most potent weapon. The loss dropped Edinboro to 2-5 overall and 0-3 in the PSAC-West. Clarion upped their record to 4-2 and 3-1 in the conference.

GAME STATS	EU	CU
First Downs	13	28
Rushing attempts/net yards	35/189	45/203
Passing comp/att/int	6/16/1	24/34/1
Passing yards	148	306
Total yards	301	495
Penalties/yards	2/30	11/94



EDINBORO UNIVERSITY'S 1988 FOOTBALL CHEERLEADERS; (L-R), Sue Kast, Kelly Miller, Sandy Schau, Kathy Wells, Vicki McGinty, Stefanie Portugallo, Michelle Siwiecki, Michele McClelland, Rene Prendergast, Dawn Sylvester, Angela Christy, and Laura Slagle (captain).

GOOD LUCK FIGHTING SCOTS



Edinboro University of Pennsylvania



Center for the Performing Arts

After 125 years of service to the northwestern Pennsylvania region, Edinboro experienced its most significant change in history on July 1, 1983, when the College became Edinboro University of Pennsylvania, a member of the State System of Higher Education.

Founded as a private academy in 1857, Edinboro University has continued to be one of the leading educational institutions in Pennsylvania.

Edinboro has grown to more than 40 buildings including the 400,000-volume **Baron-Forness** Library, a modern seven-story structure which serves as the focal point for the spacious campus. Nearly 6,900 students representing almost every county in the Commonwealth, as well as numerous states and foreign countries attend Edinboro. Its tradition of educational service and research is matched by a distinguished faculty, more than twothirds of whom have earned doctoral degrees.



Baron-Forness Library

LocationEdinboro, Pennsylvania
Main Campus585 acres 42 buildings
Porreco Extension Center25 acres 11 buildings
PresidentFoster F. Diebold
AffiliationA member of the Pa. State System of Higher Education
Founding Date1857
Student Enrollment6,900
Faculty
Faculty/Student Ratio1:18
Degree Programs100 associate,
baccalaureate, and master's degrees
ColorsRed and White
NicknameFighting Scots
Athletics15 men's and women's sports
Special ProgramsHonors
Disabled Student Services
International Education