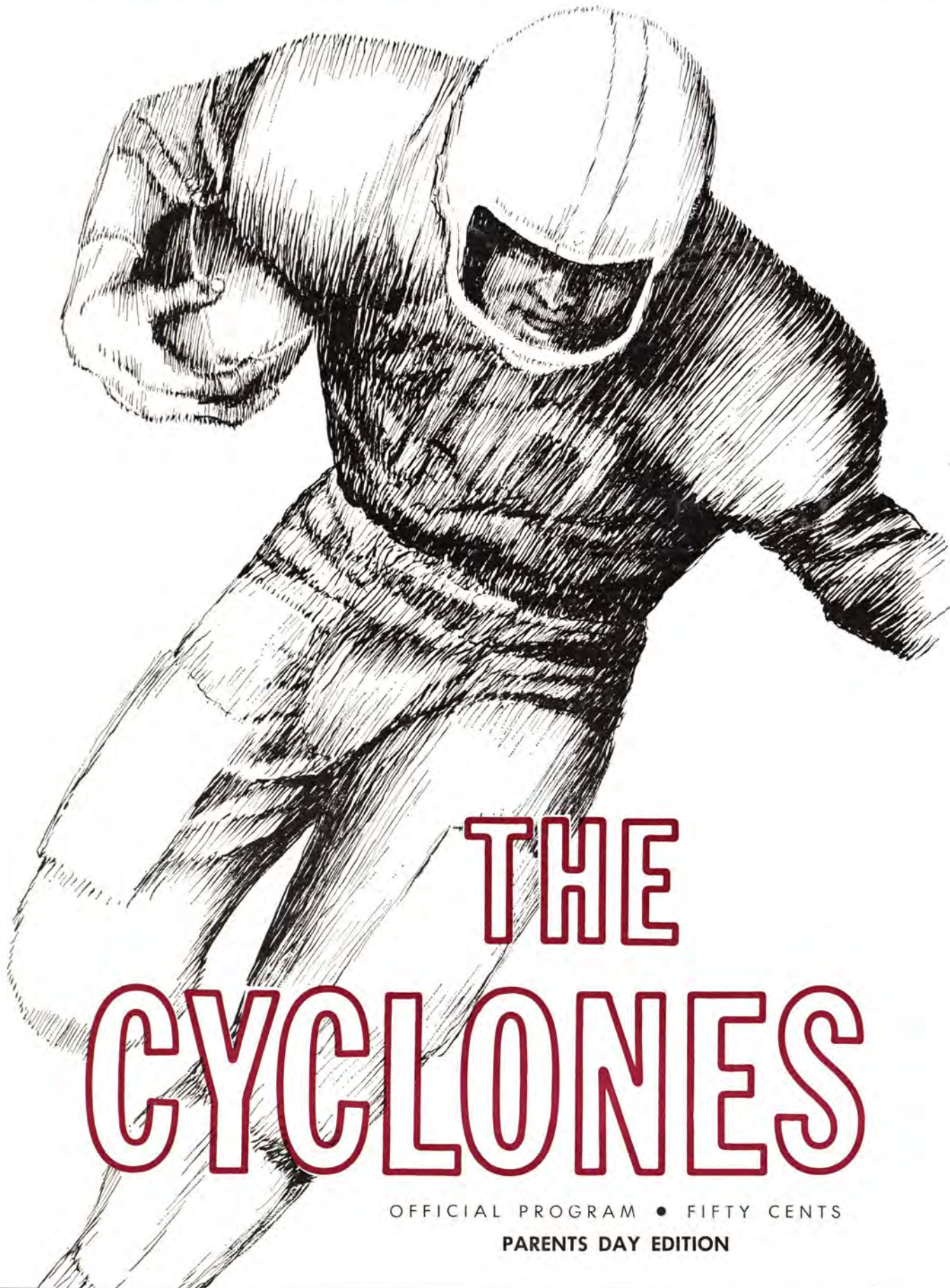


1962

**IOWA STATE • COLORADO - SATURDAY, OCT. 20**



# THE CYCLONES

OFFICIAL PROGRAM • FIFTY CENTS

PARENTS DAY EDITION



# COLLEGE SAVINGS BANK

IN CAMPUSTOWN



"THE STUDENTS BANKING HOME  
AWAY FROM HOME"

Serving Ames and Iowa State University

Lincoln Way & Hayward

South of Campus

Member FDIC



*We're all on the Team!  
Center campaign is now in  
full swing driving for  
the goal line!*

## 426 Miles To Go!

\$7,500,000—Goal for the Iowa State Center—is a 711-mile solid line of dollar bills. We have traveled 284 miles—426 miles to Go!

☆ \$100 Takes Us 50 Feet.

☆ \$1,000 Pushes Us 500 Feet.

☆ \$10,000 Drives Us a Mile.

☆ \$50,000 Jumps Us 5 Miles.

☆ \$100,000 Rockets Us 10 Miles.





**James H. Hilton**  
**President**

Iowa State welcomes today perhaps the two groups most responsible for the university and its present welfare. Without the support and encouragement of mother and dad, few students would find their way to our classrooms. Without the support of the citizens of Iowa as expressed through their legislature we would have no university.

So we are especially pleased to designate this occasion as Parents Day and Legislative Visitors Day. We are glad that you have come. We want you to enjoy yourselves and to learn all that you can about Iowa State, its plans and its accomplishments.

You may have noticed that we have more students on campus than ever before. You may also have observed in our numerous building projects the outward signs of our attempt to keep abreast of our larger responsibilities. Less evident, yet even more important, are the additional teachers which we must employ so that our students may have access to the fine educational opportunities they deserve.

An excellent faculty and adequate facilities for study come only at the expense of considerable effort and perhaps some sacrifice on the part of many people.

We know that you who are our guests this afternoon have played no small part in the advancement of this university. We are grateful to you.

Sincerely yours,

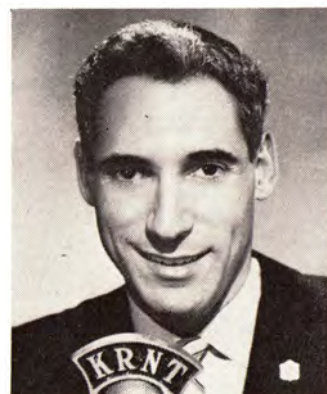
**James H. Hilton**  
**President**

# See and hear all the big games on **KRNT and KRNT-TV**

## Iowa State Films

with **CLAY STAPLETON**  
and **BUD SOBEL**

Assistant Sports Director  
6:30 to 7:00 P.M. Mondays



## Iowa Game Films

with **JERRY BURNS**  
and **RON SHOOP**

KRNT RADIO and TELEVISION  
Sports Director  
4:00 to 5:00 P.M. Sundays



Plus Radio Play by Play of Iowa, Iowa State, Drake,  
and Leading High School Games in Central Iowa

Plus CBS TELEVISION NCAA COLLEGE FOOTBALL SATURDAY AFTERNOONS  
AND CBS TELEVISION NFL PRO FOOTBALL SUNDAY AFTERNOONS.

# KRNT RADIO and TELEVISION

DIAL SPOT 1350 • DES MOINES • CHANNEL 8

IOWA'S LEADING *Sports* STATIONS



# CYCLONE PEP GENERATORS



**Front, Left to Right: Judy Sterling, Sue LaBarre, Co-chairmen Pub.; Sue Rippetoe, Vice-Pres.; Roger Hunziker, President; Connie Wagner, Secy.; Bob Kopp, Treas.**  
**Back, left to right: Sue Reynolds, Kay Carpenter, Co-Chm. Migration; Gary Sutton, Shelia Porter, Co-chm. Card Section; Chuck Malik, Awards; Tom Prendergast, Residence Representative Chm.**

The "extras" that happen during a football afternoon on Clyde Williams Field don't just happen by accident. They are perfected by practice and hours of planning. We refer to the displays of the card section during the game and during half-time interludes.

Pep Council, campus generators of enthusiasm for the athletic programs, takes care of this big assignment. They have 990 seats at their disposal in the student section. Pep Council members round up 990 students to fill the seats, give the students colored cards and diagrams of when and how to use the cards and then carry out their stunts.

It takes from 15 to 20 hours to prepare for each show. This includes thinking up each stunt, making a diagram for the design and then making sure that it is letter perfect. The 990 students don't do the rehearsing during the week. They hit it "cold" on game day. Under the direction of the card section chairman, they get the right cards up at the right time.

Pep Council has charge of awarding the annual Athlete of The Year trophy at each

Veishea in the spring. Pep Council also master-minds the naming of the Athlete of The Week each and every week of the school year when there is intercollegiate competition.

Another task is that of rounding up 92 representatives to Pep Council from the various residences, meeting with them once a month for discussion, speakers programs or movies.

For the freshmen athletes, Pep Council sponsors a tea for frosh basketball players and a picnic for frosh football players. There are also the winter and spring banquets for athletes in all sports.

The Pep Band is sent by Council to the annual migration and coordinates pep rallies on the campus. Speaking of Migration, the Pep Council is sponsoring the trip to Missouri this fall—Oct. 27—for the Iowa State-Missouri Big Eight Conference game. They have 600 tickets to dispose of. Some are still available.

Cy, the Iowa State Mascot—is a Pep Council brain child. He is at all home athletic events and a number of out-of-town contests.



# WILDCAT!



*All new! All muscle! All glamour! That's the '63 Buick WILDCAT! America's only luxury sports car with Advanced Thrust engineering now features three new models—convertible, hardtop, coupe; room for five fullbacks; colorful vinyl bucket seat interior; and an almost neurotic urge to get going! Very definitely for the sports-minded male and his equally adventuresome mate. There's a WILDCAT at your dealer's now—just rarin' for someone like you to give it a brisk workout. Why not take time out to do it this weekend?*

Buick Motor Division—General Motors Corporation

**'63 BUICK  
WILDCAT**

#### **Anatomy of a Buick WILDCAT!**

Engine: 90° V-8 valve in head. Displacement: 401 cu. in. Maximum h.p.: 325 @ 4400 rpm. Maximum torque: 445 ft.-lbs. @ 2800 rpm. Compression: 10.25:1. Bore and stroke: 4.3125x3.64. Carburetor: one 4-bbl. downdraft. Valves: hydraulic lifter type. Rear Axle: hypoid semi-floating. Gear ratio: 3.42. Transmission: automatic, torque converter type. Brakes: 12" Duo-servo. Finned aluminum up front. Advanced Thrust engineering gives straight tracking, flat cornering.



# **Battered Buffs, Cyclones**

## **Clash in Parents Day Game**

Iowa State and Colorado, a couple of badly battered football teams, will settle their own private grid wars here in Clyde Williams Field before a crowd estimated to be better than 19,000.

Included in the gathering today will be hundreds of parents of Iowa State students. Special guests of the Athletic Council will be the parents of the Iowa State football players and cross country men.

Iowa State University will also be host to nearly 200 members of the state legislature and their wives. It is the annual custom of the University to invite members of the house and senate to attend a home football game as a group.

Gov. Norman Erbe will also be a guest of the University today.

But it will be the action on the field of play that will attract most of the attention today. Colorado and Iowa State each have a victory in four games this year, about as slow a start as either has experienced in many seasons. The defending Big Eight champions have defeated Kansas State (6-0) but lost to Utah (21-37); Kansas (8-35) and Oklahoma State (16-36). That gives the Buffs a 1-2 mark in the Big Eight and a 1-3 record for the season.

Iowa State opened with a win over Drake (14-7) but has dropped games to Oregon State (35-39); Nebraska (22-36); and Kansas (8-29). The season record matches that of Colorado but two of the losses have been in loop play to tie the Cyclones for sixth and seventh with Kansas State.

Over the years the two teams have put on some mighty rugged contests despite the 12-4 edge owned by Colorado. The series opened in 1946 before the Buffs were members of the Big Eight. Colorado won that one, 13-7, with Iowa State dominating most everything but the scoring. A year later a pass slipped off the fingers of the defensive safety into the hands of a waiting Buff end for a 7-0 win.

Then came three years when the Cyclones scored victories: 18-7, 13-6, and

14-7. That 14-7 game was a top thriller. Colorado led most of the game and went into the final period leading, 7-0. The Cyclones fired in for one score and then had to stop Colorado at Midfield on a fourth and one situation to get possession a final time in the game. The winning tally came with barely enough time to spare.

For the next eight years the Buffs won. There were a few lop-sided scores in the series but often again it was the final moment before victory was snugly tucked away. The 1953 game was one such example. Both clubs had fought to a 34-34 standstill when Colorado got the ball.

In the final minute Colorado scored and no one in Ames knew it! That was because the FCC ruling of sundown broadcasting ended the WOI description of the game.

The last Iowa State victory came in the Year of the Dirty Thirty when that hard-nosed little band of never-say-die gridders blasted out a 27-0 win, the only one-sided victory the Cyclones own in the series.

Last fall, after Colorado had won the Big Eight, the Buffs lost most of their players on NCAA and Big Eight rulings and today are down to about seven men who played much last year. But Coach Bud Davis has a huge first team of proven ability and is getting more depth each week as he readies one or two more players. Right now he figures to have two teams ready to play. Leaders of the line are Capt. Ken Blair, right end, and Dan Grimm, left tackle from Des Moines.

The backfield power is generated by Bill Harris, a 203-pound fullback with real speed. His biggest running help comes from Leon Mavity, a top all-around halfback. Frank Cesarek and Larry Ethridge are outstanding sophomore quarterbacks who have given Colorado the second best passing attack in the Big Eight, shaded only slightly by powerful Nebraska.

No matter what happens there is bound to be a lot of excitement today—every one of the previous 16 games between the two teams have had a full quota of thrills—today should be no different.



# Join the **CYCLONE CLUB**

**Iowa State's Official Athletic Booster Organization**

With funds administered by an authorized University Committee within the rules of the N.C.A.A. and the Big "8" Conference.

Your opportunity for service, both personal and financial is yours through the Cyclone Club and the Alumni Achievement Fund.

A membership in the Cyclone Club is recognized in the Alumni Achievement Fund's Annual Report and both the person and the class are given credit if you are an alumnus.

Each member receives a membership card from the national president, a decal for your office or car, a year's subscription to the Cyclone News which comes out bi-weekly during the season.

Further, you will be a part of the many Cyclone Club activities and be eligible for the Cyclone Club drawings for special seats in the Stadium Club section for home games.

The Cyclone Club promotes the use of Iowa beef, pork and honey on the Cyclone training table, conducts good will tours for ticket sales, coordinates team reunions and supports the EDUCATIONAL and ATHLETIC

## **SCHOLARSHIP PROGRAM.**

Local clubs sponsor block sale of tickets, recognition dinners, game film showings and after game dinners.

## **Elected at Homecoming**

Fred T. Poole of Washington, D. C. and Harry L. Hoak of Des Moines were elected to head the Cyclone Club for 1963. The selection of Poole as president fits established tradition in that he is a prominent alumnus from away from Ames and was a star performer in Cyclone athletics when in school, prominent in football but also was a basketball player and hurdler in track.

Harry L. Hoak of Des Moines was a middle distance runner. Hoak will preside at meetings Poole cannot attend.

These men got together to make one statement, "All alumni interested in progress in athletics at Iowa State should belong to the Cyclone Club."

---

## **Application Form**

### **SPECIAL "CY" PIN COUPON**

**An attractive souvenir pin will be sent for a membership check attached to this coupon.**

DATE \_\_\_\_\_

Being interested in promoting Iowa State University and encouraging outstanding students to attend Iowa State for their education, I will contribute to the Iowa State Alumni Achievement Fund by:

- ☐ Membership in the CYCLONE CLUB (minimum \$10 - \$5 if less than 5 years from graduation)
- ☐ Gifts to the ALUMNI ACHIEVEMENT FUND designated for athletic scholarships

19\_\_\_\_\_ class NAME \_\_\_\_\_  
if alumnus

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

\$10    \$25    \$50    \$ \_\_\_\_\_



# 1962 Freshmen Look Promising



**Bottom row**—Ron Rosenfeld, Wayne Lueders, Randy Vick, Terry Leonard, Randy Stultz, Jim Lewis, Bruce Bergland, Cornelius Perry.

**Middle row**—Eldon Arnold, Lou Harris, Sam Ramenofsky, Dan Borg, John Ganoe, Max Zeimer, Marvin Daufeldt, Steve Balkavec, Gary Labertew, Jim King.

**Back row**—Jim Parrish, Don Lewis, Charles Polky, Dennis Campolieti, Jack Sherman, Jim Homan, Ted Tuinstra, Bill Doubler, Charles Wahtola, Dick Bauer, Bill Knaack, Ted Jones.

Iowa State's freshman team is a well-balanced organization, according to Freshman Coach John Cooper.

Cooper does not see any individual stars as such. There are no All-American prospects at this early date. But Cooper does emphasize that the squad, as a whole, is well versed in football fundamentals and each man has a lot of enthusiasm for the game.

In scrimmage, the yearlings are getting a taste of Coach Stapleton's single wing-T formation and have adapted to it in good form. The team shows equal balance on offense and defense.

The squad will meet two conference freshman squads in the next month. They

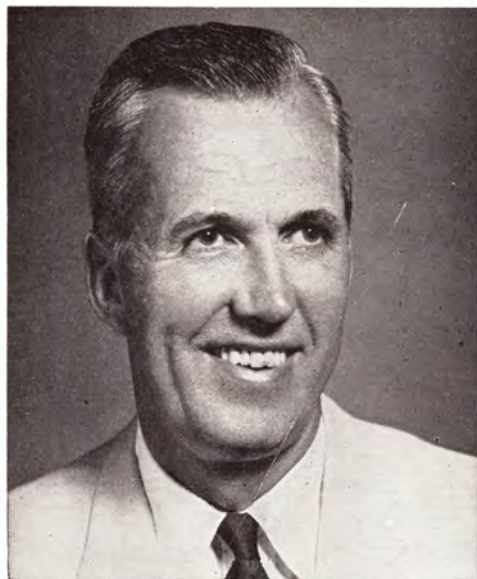
will travel to Columbia, Mo., to meet the University of Missouri freshmen in their first contest on Oct. 26. This game will be played on the Friday before the Iowa State-Missouri Migration game.

The second opponent will be a tough Nebraska freshman team which is a part of the revitalizing of the Nebraska football program. The Nebraska frosh are the best brought in by the Cornhuskers in recent years. This game will be played in Ames on Friday afternoon, Nov. 9, on Clyde Williams Field.

Coach Stapleton will be looking to the frosh squad for valuable additions to next year's varsity. And, the squad is full of hard-nosed players of the calibre needed to bolster the varsity in the 1963 campaign.



# Iowa State University Staff



**GORDON CHALMERS**  
Director of Athletics



**CLAY STAPLETON**  
Head Football Coach



**LOU McCULLOUGH**  
Assistant Football Coach



**BURNIE MILLER**  
Assistant Football Coach



**ARCH STEEL**  
Assistant Football Coach



**ERNIE ZWAHLEN**  
Assistant Football Coach



**DICK CORRICK**  
Assistant Football Coach



**VERN GALE**  
Assistant Football Coach



**JOHN COOPER**  
Freshman Football Coach



**RAY BICKERSTAFF**  
Trainer



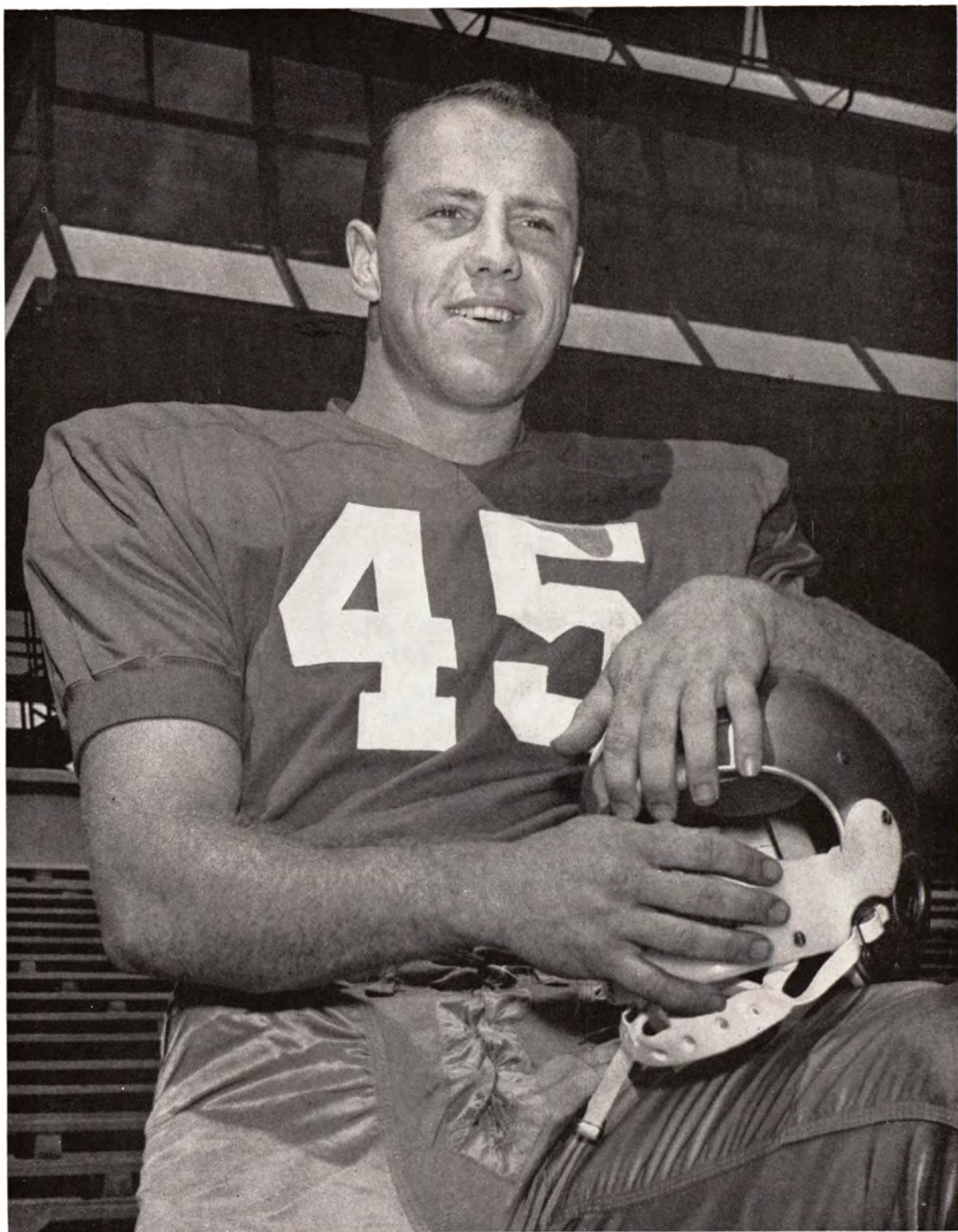
a **LEADER**  
for over  
12 years  
in cold  
control...

**CORICIDIN<sup>®</sup>**

(brand of antihistamine-analgesic-antipyretic compound)







**1962 Cyclone Captain**

**JIM CLAPPER**



# The Iowa State Center

## WHAT IS THE IOWA STATE CENTER?

Students, alumni and friends of Iowa State are excited about the new Iowa State Center, soon to be constructed on campus.

It will provide an excellent setting for musical events, drama, lectures, professional and educational meetings, and gatherings of the student body.

"To me this Center means progressiveness, broad vision and cultural opportunity," said one Iowa State alumnus recently.

"It creates in my mind the image of a new Iowa State, moving ahead to develop the kind of education needed for today's world just as it worked out new ideas 75 years ago to meet the problems of another kind of world.

"The need then was for science and technology to revolutionize farming and industry here in the United States. We don't want to lose sight of that today, but we are now realizing how much more we need to understand the people in the world around us. The Center will help us do this. In the music, the drama and the art which people will find there is the universal language which brings us all closer together.

"The Center is the symbol of our modern university, still dedicated to science and technology, but far broader in its interests than ever before."

Just so.

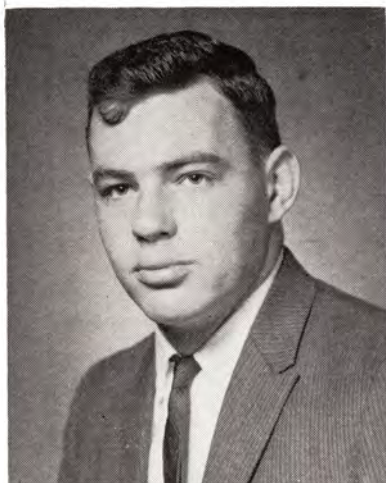
A symbol, an outstanding facility for learning and for recreation—this will be the Iowa State Center.



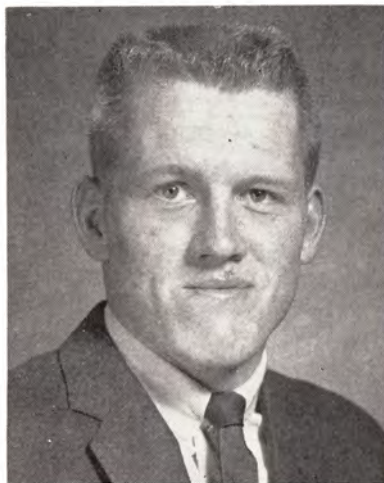




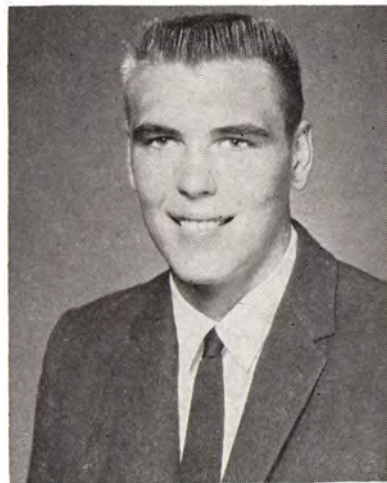
## CYCLONES



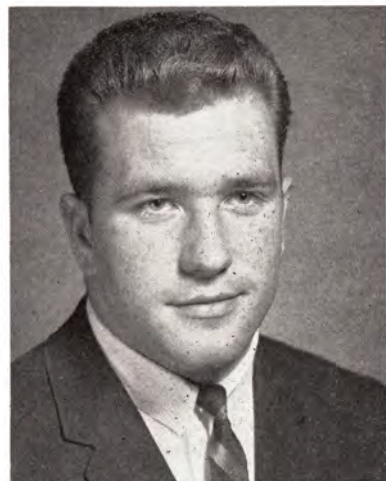
76—BILL ALLEN  
Ottawa, Ill.  
Coach—Bill Novak  
Electrical Engineering



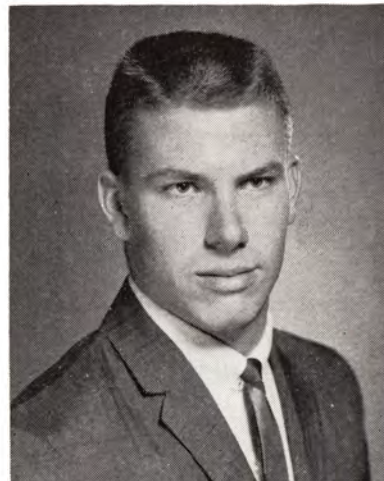
85—DENNIS ALITZ  
West Point, N. Y.  
Coach—Steve Kuk  
Distributive Studies



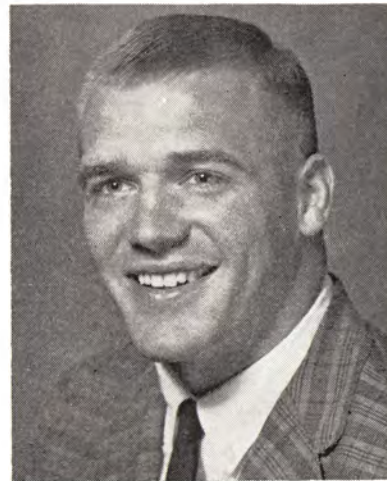
77—DON ANDERSEN  
Atlantic  
Coach—John Hunter  
Physical Education



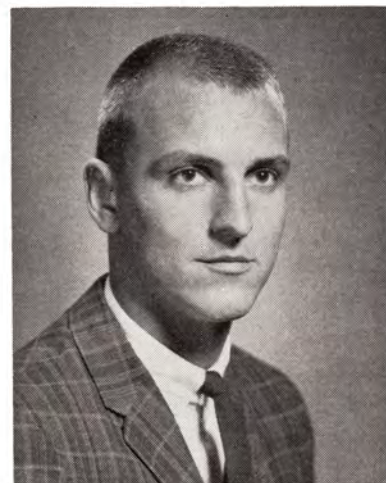
61—FRANK BELICHICK  
Youngstown, Ohio  
Coach—Edward Strauss  
Physical Education



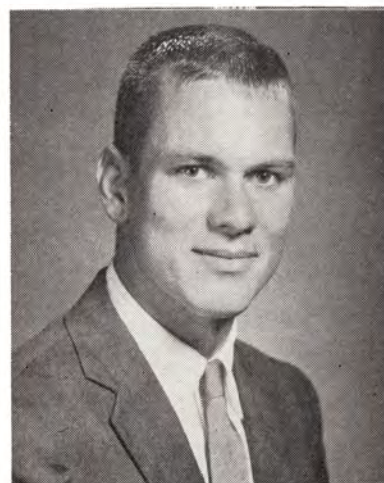
69—JOHN BERRINGTON  
Honolulu, Hawaii  
Coach—Dave Eldredge Jr.  
Animal Science



67—TIM BROWN  
Port Washington, Wis.  
Coach—Jim Bollinger, Jim Murry  
Industrial Administration



24—KEN BUNTE  
Quincy, Ill.  
Coach—Bob Cudney  
Physical Education



34—TERRY CHANDLER  
Claremore, Okla.  
Coach—Joe Samuelson  
Physical Education

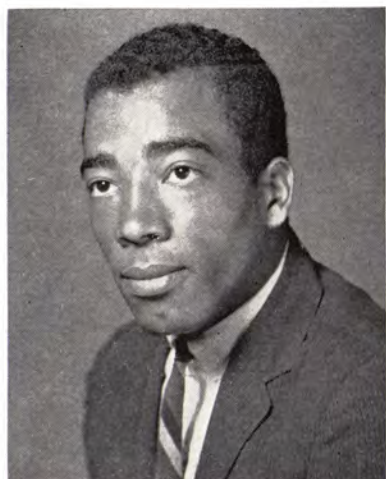


45—CAPT. JIM CLAPPER  
Ottawa, Ill.  
Coach—Bill Novak  
Industrial Administration

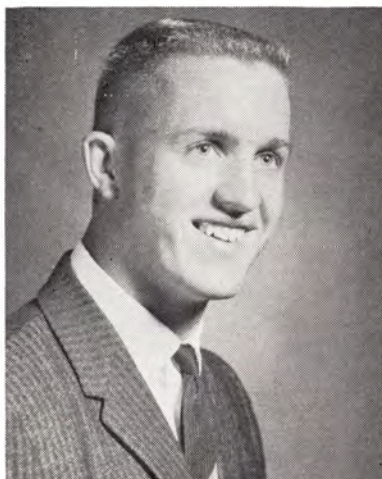




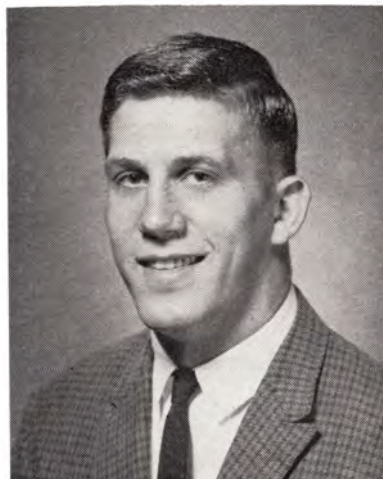
## CYCLONES



17—OZZIE CLAY  
Hickory, N.C.  
Coach—B. P. Brown  
Physical Education



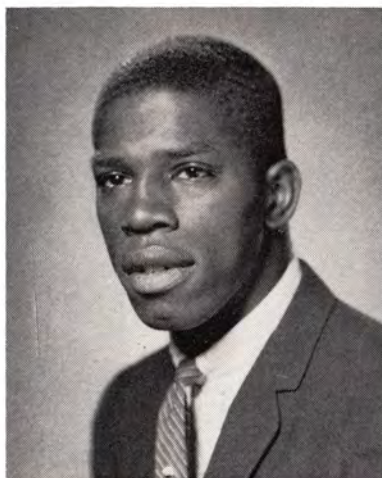
23—DAVE CLAYBERG  
Story City  
Coach—Lou Schrader  
Physical Education



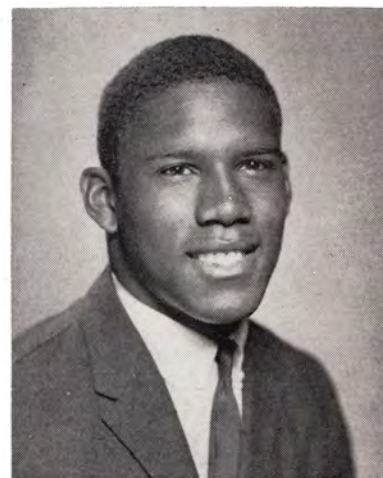
21—TOM CONNELLY  
South Bend, Ind.  
Coach—Bob Jones  
Physical Education



18—MIKE COX  
Ames  
Coach—Ken Wells  
Industrial Administration



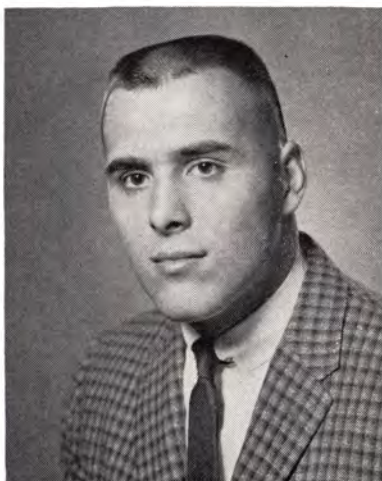
22—GEORGE CRAYTON  
Highland Park, Mich.  
Coach—John Raymond  
Physical Education



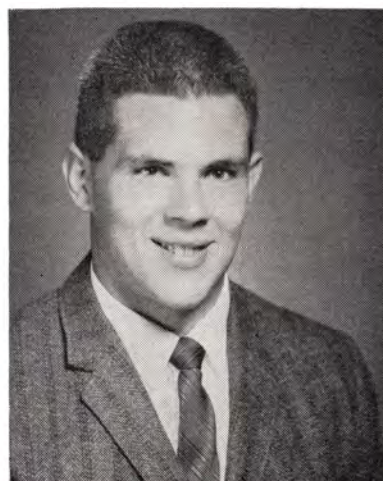
80—ROOSEVELT ELLERBE  
Campbell, Ohio  
Coach—John Knapick  
Physical Education



15—GARY ELLIS  
Ames  
Coach—Ken Wells  
Physical Education



62—RALPH ESPOSITO  
Cuyhoga Falls, Ohio  
Coach—Dave Martin  
History



74—BRUCE GRASSER  
North Olmstead, Ohio  
Coach—Bill Moritz  
Chemical Engineering





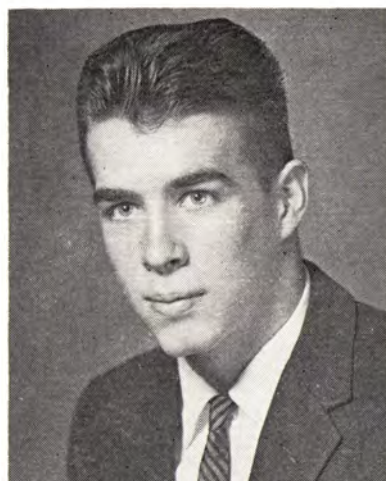
## CYCLONES



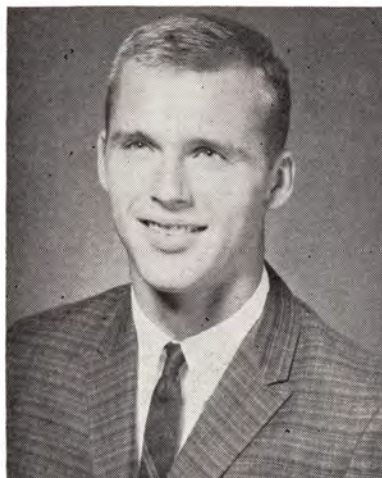
81—LARRY HANNAH  
Circleville, Ohio  
Coach—Carl Benhase, Tom Bennett  
Physical Education



75—DAVE HAPP  
Quincy, Ill.  
Coach—Clell Wade  
Industrial Administration



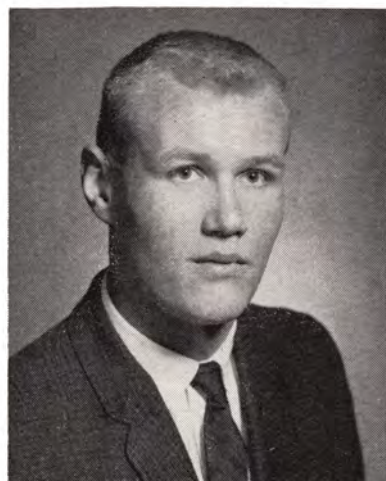
19—DAVE HOOVER  
Dallas Center  
Coach—Dale Stephens  
Aerospace Engineering



16—DAVE HOPPMANN  
Madison, Wis.  
Coach—Bill Muller  
Physical Education



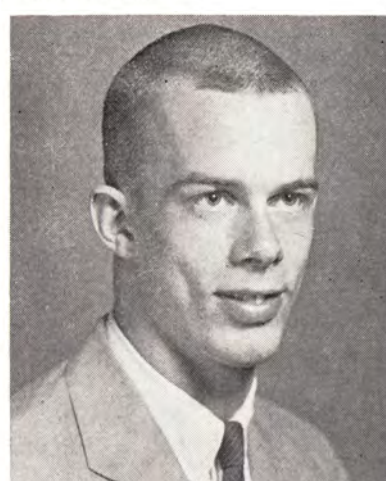
42—DON HYER  
Greenfield, Ohio  
Coach—Paul Orr  
Industrial Administration-Phys. Ed.



73—DICK KASPEREK  
LeSeuer, Minn.  
Coach—Bruce Frank  
Electrical Engineering



43—ERNIE KENNEDY  
Cincinnati, Ohio  
Coach—Howard Thomas  
Mathematics



88—RANDY KIDD  
Lancaster, Ohio  
Coach—Larry Peterson  
Veterinary Medicine





# CYCLONES



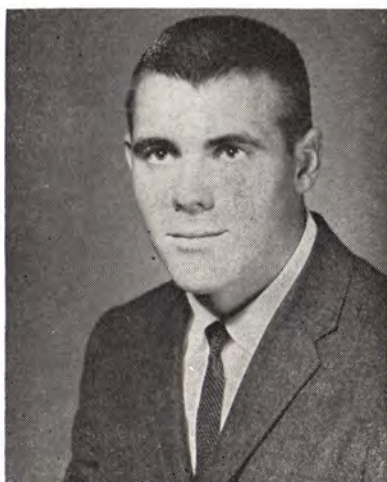
36—ED KIMBROUGH  
Lima, Ohio  
Coach—Joe Melmisur  
Physical Education



32—BILL KING  
West Bend, Wis.  
Coach—Warren Bowlus  
Zoology



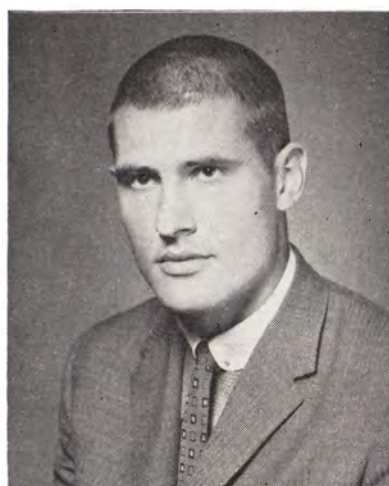
58—ERNIE KUN  
Palmerston, Ohio  
Coach—Karl Karvasale  
Physical Education



33—DICK LIMERICK  
Sioux City  
Coach—Wally Piper  
Physical Education



86—JOHN MCGONEGLE  
Cincinnati, Ohio  
Coach—Bob Geiser  
Architecture - Architectural Engineering



87—LARRY MONTRE  
Dearborn, Mich.  
Coach—Mike Megregian  
Physical Education



25—RON ONOPA  
Schofield, Wis.  
Coach—Mike McMahon  
Industrial Administration



54—TOM PARRISH  
Lancaster, Ohio  
Coach—Larry Peterson  
Physical Education





**GUESS WHO MADE THE MOST YARDS RUSHING AND PASSING, SCORED MOST, AND WON THE GAME?  
GUESS WHO JUST BOUGHT A NEW SUPER TORQUE 1963 FORD GALAXIE?**

FOR THE ANSWER SEE YOUR FRIENDLY NEIGHBORHOOD FORD DEALER

A PRODUCT OF  MOTOR COMPANY

FANS—WATCH THE EXCITING NCAA COLLEGE FOOTBALL GAMES AND NFL PRO GAMES ON TV. . . THEY'RE BROUGHT TO YOU BY FORD.  
CHECK NEWSPAPER FOR TIME AND STATION.



# Iowa State University Football Roster for 1962

No.	Player	Wgt.	Hgt.	Age	Class	Home
<b>QUARTERBACKS</b>						
20	Larry Switzer	180	6-1	19	Soph	Osceola
21	Tom Connelly	181	5-11	21	Soph	South Bend, Ind.
24	Ken Bunte	170	6-1	19	Soph	Quincy, Ill.
25	Ron Onopa	185	6-1	20	Soph	Schofield, Wis.
<b>WING BACKS</b>						
18	Mike Cox	193	6-1	19	Soph	Ames
22	George Crayton	188	6-2	19	Soph	Highland Park, Mich.
33	Dick Limerick*	201	6-1	21	Junior	Sioux City
42	Don Hyer	182	5-11	19	Junior	Greenfield, O.
<b>FULLBACKS</b>						
14	Otis Williams	182	5-11	19	Soph	Lima, O.
23	Dave Clayberg**	178	6-0	21	Senior	Story City
32	Bill King	177	5-10	20	Soph	West Bend, Wis.
35	Tom Vaughn	195	5-11	19	Soph	Troy, O.
36	Ed Kimbrough	184	5-8	20	Soph	Lima, O.
<b>TAIL BACKS</b>						
15	Gary Ellis**	157	5-8	21	Senior	Ames
16	Dave Hoppmann**	183	6-1	22	Senior	Madison, Wis.
17	Ozzie Clay	176	6-0	21	Junior	Hickory, N.C.
19	Dave Hoover*	181	6-0	20	Junior	Dallas Center
34	Terry Chandler	176	5-10	22	Senior	Claremore, Okla.
43	Ernie Kennedy	178	5-10	19	Soph	Cincinnati, O.
<b>WEAK ENDS</b>						
85	Dennis Alitz	182	6-3	20	Soph	West Point, N.Y.
87	Larry Montre**	213	6-4	21	Senior	Dearborn, Mich.
88	Randy Kidd*	180	6-0	20	Junior	Lancaster, O.
89	Larry Schreiber*	191	6-4	21	Senior	Sioux City
<b>STRONG ENDS</b>						
80	Roosevelt Ellerbe	187	6-2	19	Soph	Campbell, O.
81	Larry Hannahs*	196	6-2	20	Junior	Circleville, O.
82	Ken Pigott	195	6-0	19	Soph	DeKalb, Ill.
83	Scott Tieke	201	6-2	20	Junior	Cincinnati, O.
86	John McGonegle	195	6-1	19	Soph	Cincinnati, O.
<b>WEAK TACKLES</b>						
64	Tom Postak	196	6-1	21	Soph	Barberton, O.
65	John Van Sicklen	213	5-11	19	Soph	Walled Lake, Mich.
70	Dave Thomas	203	6-4	19	Soph	Sycamore, Ill.
75	Dave Happ	232	6-3	19	Soph	Quincy, Ill.
76	Bill Allen	216	6-0	18	Soph	Ottawa, Ill.
77	Don Andersen*	271	6-5	21	Senior	Atlantic
78	Merlin Trausch	191	6-4	19	Soph	Bryan, O.
<b>STRONG TACKLES</b>						
71	Tom Trafals	206	6-1	19	Soph	Chicago, Ill.
73	Dick Kasperek	213	6-3	19	Soph	LeSeuer, Minn.
74	Bruce Grasser*	200	6-0	21	Junior	North Olmstead, O.
79	Norm Taylor	228	6-2	20	Soph	Ypsilanti, Mich.
<b>WEAK GUARDS</b>						
61	Frank Belichick	199	6-1	19	Soph	Youngstown, O.
62	Ralph Esposito	198	5-11	19	Soph	Cuyhoga Falls, O.
66	Carl Proto**	201	6-1	20	Senior	Mansfield, O.
67	Tim Brown	189	5-9	20	Junior	Port Washington, Wis.
68	Phil Ritchie	186	6-0	19	Soph	Cincinnati, O.
<b>STRONG GUARDS</b>						
60	Bob Wolf	192	5-10	19	Soph	South Euclid, O.
63	Chuck Steimle	213	5-11	19	Junior	Peoria, Ill.
69	John Berrington	198	6-4	19	Soph	Honolulu, Hawaii
72	Dick Walton*	227	6-3	21	Senior	Canon City, Col.
<b>CENTERS</b>						
45	Capt. Jim Clapper**	194	6-0	21	Senior	Ottawa, Ill.
53	Jim Wipert	195	6-0	18	Soph	Ironton, Ohio
54	Tom Parrish	190	6-1	20	Junior	Lancaster, O.
55	Ray Steffy*	195	6-0	21	Senior	Akron, O.
58	Ernie Kun	194	6-0	22	Soph	Palmerton, O.
90	Eli Strand	225	6-1	19	Soph	Tuckahoe, N.Y.

\*lettermen





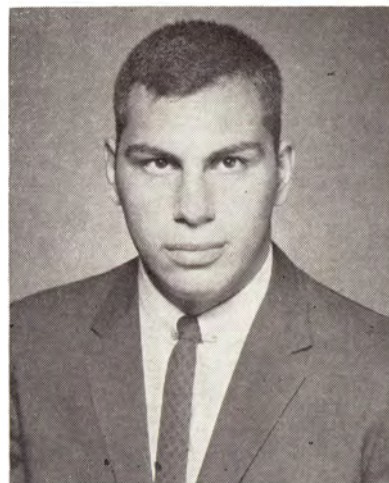
## CYCLONES



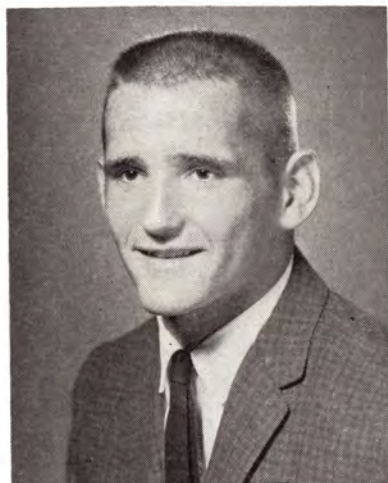
82—KEN PIGGOTT  
DeKalb, Ill.  
Coach—Bob Heimerdinger  
Civil Engineering



64—TOM POSTAK  
Barberton, Ohio  
Coach—Tom Phillips  
Zoology



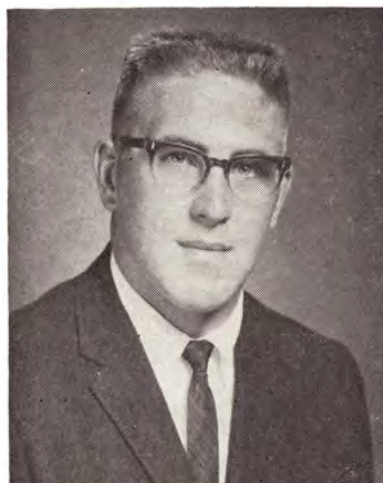
66—CARL PROTO  
Mansfield, Ohio  
Coach—Bob McNea, Tom Pierson  
Physical Education



68—PHIL RITCHIE  
Cincinnati, Ohio  
Coach—Ray Hartker  
Industrial Administration



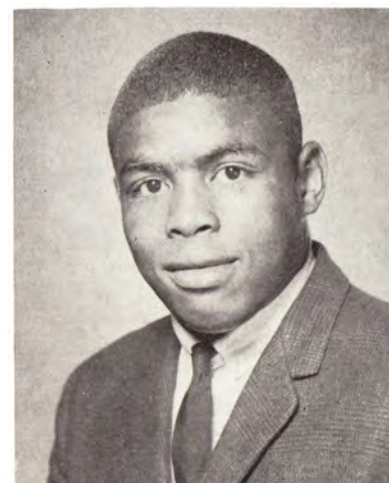
89—LARRY SCHREIBER  
Sioux City  
Coach—Don Fleming  
Industrial Administration



55—RAY STEFFY  
Akron, Ohio  
Coach—Jay Burks  
Industrial Administration



63—CHUCK STEIMLE  
Peoria, Ill.  
Coach—Ed Murphy, Griff McDonald  
Physical Education

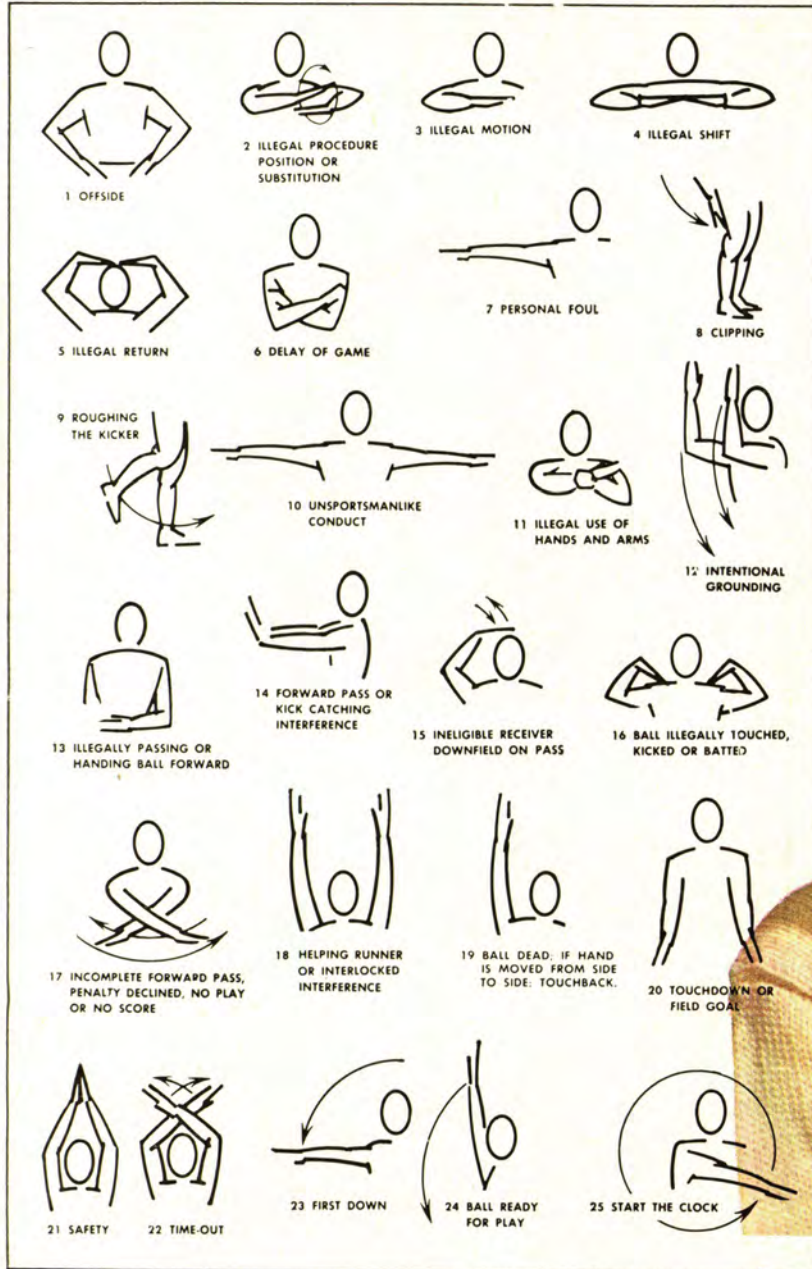


90—ELI STRAND  
Tuckahoe, N.Y.  
Coach—Bob Spenik  
Physical Education



# Enjoy that **REFRESHING** **NEW FEELING** with **COKE**

TRADE-MARK ®



MARSHALLTOWN COCA-COLA BOTTLING CO., MARSHALLTOWN, IOWA



**"Viceroy's got the taste that's right!"**



## IOWA STATE

### PROBABLE STARTING LINEUP

No.	Name	Position
89	LARRY SCHREIBER	.....WE
77	DON ANDERSEN	.....WT
67	TIM BROWN	.....WG
55	RAY STEFFY	.....C
72	DICK WALTON	.....SG
79	NORM TAYLOR	.....ST
87	LARRY MONTRE	.....SE
20	LARRY SWITZER	.....QB
16	DAVE HOPPMANN	.....TB
14	OTIS WILLIAMS	.....WB
35	TOM VAUGHN	.....FB

## THE CYCLONE SQUAD

14 Williams, FB	43 Kennedy, TB	72 Walton, SG
15 Ellis, TB	45 Clapper, C	73 Kasperck, ST
16 Hoppmann, TB	53 Wipert, C	74 Grasser, ST
17 Clay, TB	54 Parrish, C	75 Happ, WT
18 Cox, WB	55 Steffy, C	76 Allen, WT
19 Hoover, TB	58 Kun, C	77 Andersen, WT
20 Switzer, QB	60 Wolf, SG	78 Trausch, WT
21 Connelly, QB	61 Belichick, WG	79 Taylor, ST
22 Crayton, WB	62 Esposito, WG	80 Ellerbe, SE
23 Clayberg, FB	63 Steimle, SG	81 Hannahs, SE
24 Bunte, QB	64 Postak, WT	82 Piggott, SE
25 Onopa, QB	65 Van Sicklen, WT	83 Tieke, SE
32 King, FB	66 Proto, WG	85 Alitz, WE
33 Limerick, WB	67 Brown, WG	86 McGonegle, SE
34 Chandler, TB	68 Ritchie, WG	87 Montre, WE
35 Vaughn, FB	69 Berrington, SG	88 Kidd, WE
36 Kimbrough, FB	70 Thomas, WT	89 Schreiber, WE
42 Hyer, WB	71 Trafals, ST	

Smoke all seven filter brands and you'll agree: some taste too strong ... some too light ...

but Viceroy's got the taste that's right!

**That's right!**



## COLORADO

### PROBABLE STARTING LINEUP

No.	Name	Position
88	JOHN MCGUIRE	.....LE
77	DAN GRIMM	.....LT
75	AL HOLLINGSWORTH	LG
78	DALE CHRISTENSEN	.....C
62	JOHN PARMATER	.....RG
76	BILL BEARSS	.....RT
87	KEN BLAIR	.....RE
16	FRANK CESAREK	.....QB
34	BILL SYMONS	.....LH
27	LEON MAVITY	.....RH
33	BILL HARRIS	.....FB

11 Ethridge, QB	14 Blythe, QB	16 Cesarek, QB	17 Graham, HB	20 Locke, HB	21 Hogan, FB	22 Matson, QB	26 Price, HB	27 Mavity, HB	28 Henderson, HB	29 Phillips, HB	30 K. Osborn, FB	31 Howe, FB	32 LeMasters, HB	33 Harris, FB	34 Symons, HB	35 Donahue, FB	36 Melville, FB
-----------------	---------------	----------------	---------------	--------------	--------------	---------------	--------------	---------------	------------------	-----------------	------------------	-------------	------------------	---------------	---------------	----------------	-----------------

## THE BUFFALO SQUAD

40 Wahtera, HB	41 Somerville, HB	42 Parham, HB	43 Benedetti, HB	45 Watkins, HB	46 Hosier, HB	50 Arriza, C	51 Kulesza, T	52 S. Osborn, C	53 Porter, C	55 Mankowski, G	56 Miller, T	57 Plfum, T	58 Moncska, G	59 Tabakoff, G	60 LaGuardia, T	61 Hall, G	62 Parmater, G
63 Kresnak, T	66 Trent, E	69 Barz, T	72 Childers, T	74 Lund, T	75 Hollingsworth, G	76 Bearss, T	77 Dan Grimm, T	78 Christensen, C	80 Wismiller, E	82 Irvine, E	83 Pitman, E	84 Morris, T	85 Sheppard, E	86 McBride, C	87 Blair, E	88 McGuire, E	89 Stricker, E



# ZING!

with

*Coca-Cola*  
TRADE MARK



## PENALTIES

**1. OFFSIDE** by either team; Violation of scrimmage or free kick formation; Encroachment on neutral zone — Loss of Five Yards.

**2. ILLEGAL PROCEDURE, POSITION OR SUBSTITUTION** — Putting ball in play before Referee signals "Ready-for-Play"; Failure to complete substitution before play starts; Player out-of-bounds when scrimmage begins; Failure to maintain proper alignment of offensive team when ball is snapped; False start or simulating start of a play; Taking more than two steps after Fair Catch is made; Player on line receiving snap; Free kick out-of-bounds — Loss of Five Yards.

**3. ILLEGAL MOTION** — Offensive player illegally in motion when ball is snapped — Loss of Five Yards.

**4. ILLEGAL SHIFT** — Failure to stop one full second following shift — Loss of Five Yards.

**5. ILLEGAL RETURN** of ineligible substitute — Loss of 15 Yards.

**6. DELAY OF GAME** — Consuming more than 25 seconds in putting the ball in play after it is declared ready for play; Interrupting the 25-second count for any reason other than a free or excess time out granted by Referee; Failure to remove injured player for whom excess time out was granted; Crawling — Loss of Five Yards. Team not ready to play at start of either half — Loss of 15 Yards.

**7. PERSONAL FOUL** — Tackling or blocking defensive player who has made fair catch; Piling on; Hurdling; Grasping face mask of opponent; Tackling player out of bounds, or running into player obviously out of play; Striking an opponent with fist, forearm, elbow or locked hands; Kicking or kneeling — Loss of 15 Yards. (Flagrant offenders will be disqualified.)

**8. CLIPPING** — Loss of 15 Yards.

**9. ROUGHING THE KICKER** or holder — Loss of 15 Yards.

**10. UNSPORTSMANLIKE CONDUCT** — Violation of rules during intermission; Illegal return of suspended player; Coaching from side lines; Invalid signal for Fair Catch; Persons illegally on field — Loss of 15 Yards. (Flagrant offenders will be disqualified.)

**11. ILLEGAL USE OF HANDS AND ARMS** by offensive or defensive player — Loss of 15 Yards.

**12. INTENTIONAL GROUNDING** of forward pass — Loss of Five Yards from spot of pass Plus Loss of Down.

**13. ILLEGALLY PASSING OR HANDING BALL FORWARD** — Loss of Five Yards from spot of foul Plus Loss of Down.

**14. FORWARD PASS OR KICK CATCHING INTERFERENCE** — Interference with opportunity of player of receiving team to catch a kick — Loss of 15 Yards. Interference by member of offensive team with defensive player making pass interception — Loss of 15 Yards Plus Loss of Down. Interference by defensive team on forward pass — Passing Team's Ball at Spot of Foul and First Down.

**15. INELIGIBLE RECEIVER DOWNFIELD ON PASS** — Loss of 15 Yards.

**16. BALL ILLEGALLY TOUCHED, KICKED OR BATTED** — Forward pass being touched by ineligible receiver beyond the line of scrimmage — Loss of 15 Yards from Spot of Preceding Down and Loss of a Down. Eligible pass receiver going out-of-bounds and later touching a forward pass — Loss of Down; Illegally kicking a free ball — Loss of 15 Yards.

**17. INCOMPLETE FORWARD PASS** — Penalty declined; No play or no score.

**18. HELPING THE RUNNER**, or interlocked interference — Loss of 15 Yards.

MARSHALLTOWN COCA-COLA BOTTLING CO., MARSHALLTOWN, IOWA

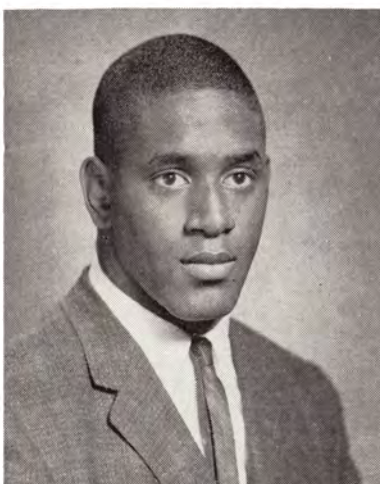




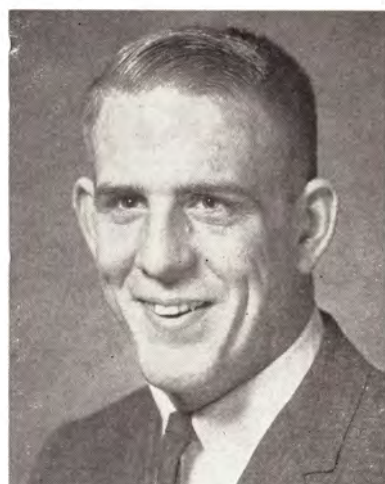
## CYCLONES



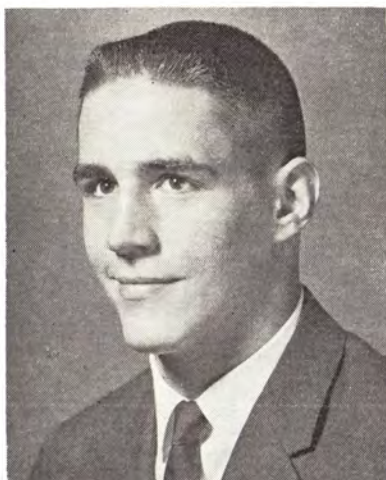
20—LARRY SWITZER  
Osceola  
Coach—Ray McIntosh  
Chemical Engineering



79—NORM TAYLOR  
Ypsilanti, Mich.  
Coach—Bob Moffett, Ron Isbell  
Physical Education



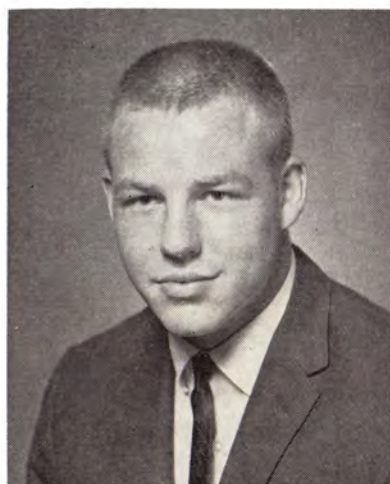
70—DAVE THOMAS  
Sycamore, Illinois  
Coach—Phil Johnson  
Industrial Administration



83—SCOTT TIEKE  
Cincinnati, Ohio  
Coach—Bob Geiser  
Chemical Engineering



71—TOM TRAFALS  
Chicago, Ill.  
Coach—Elmer Sahlin  
Industrial Administration



78—MERLIN TRAUSCH  
Bryan, Ohio  
Coach—Bernie Hatch  
Physical Education



65—JOHN VAN SICKLEN  
Walled Lake, Mich.  
Coach—Dave Smith  
Physical Education



35—TOM VAUGHN  
Troy, Ohio  
Coach—Lou Jullerate  
Physical Education



# University of Colorado Football Roster for 1962

No.	Player	Wgt.	Hgt.	Age	Class	Home
<b>QUARTERBACKS</b>						
11	Larry Ethridge	204	6-1	19	Soph	Garland, Tex.
14	Gary Blythe	185	6-1	19	Soph	Tucson, Ariz.
16	Frank Cesarek	208	6-0	20	Soph	Sterling, Ill.
22	Mike Matson	190	5-9	19	Soph	Lakewood
<b>HALFBACKS</b>						
17	Nick Graham*	185	5-11	21	Senior	Pueblo
20	Terry Locke	163	5-8	20	Soph	Muskegon, Mich.
26	Jackie Price	156	5-10	19	Soph	Arvada
27	Leon Mavity*	188	5-10	21	Junior	Seatonville, Ill.
28	DeOscia Henderson	207	6-3	19	Soph	Denver
29	Joe Phillips	190	6-1	20	Soph	Guymon, Okla.
32	Clarence LeMasters	187	5-11	19	Soph	Pueblo
34	Bill Symons	197	6-0	19	Soph	Nucla
40	Pete Wahtera	167	5-11	20	Soph	Peabody, Mass.
41	Ted Somerville*	184	5-10	20	Junior	Greeley
42	Ozzie Parham	178	5-8	19	Soph	Muskegon, Mich.
43	Chuck Benedetti	181	5-10	23	Junior	Trinidad
45	Jerry Watkins	184	5-11	20	Soph	Guymon, Okla.
46	Tom Hosier	193	6-3	20	Soph	Spouth Haven, Mich.
<b>FULLBACKS</b>						
21	Tim Hogan	196	5-10	19	Soph	Williamsport, Penn.
30	Kirk Osborn	206	6-1	20	Soph	Golden
31	Ben Howe	210	6-2	20	Soph	Muskegon, Mich.
33	Bill Harris*	203	6-2	20	Junior	Hackensack, N.J.
35	Dan Donahue	196	5-11	23	Junior	Wilkinsburg, Penn.
36	Dick Melville	192	5-10	19	Soph	Grand Rapids, Mich.
<b>CENTERS</b>						
50	John Arriza	195	6-1	19	Soph	Grand Junction
52	Steve Osborn	199	6-0	20	Soph	Golden
53	Rick Porter	200	6-1	19	Soph	Lansing, Mich.
55	Dick Mankowski	214	5-11	21	Soph	Milwaukee, Wis.
78	Dale Christensen*	220	6-2	21	Junior	Rantoul, Ill.
86	Ken McBride	212	6-1	20	Soph	Boulder
<b>GUARDS</b>						
58	Tim Moncska	206	6-1	20	Soph	East Chicago, Ind.
59	Boris Tabakoff	201	6-0	20	Junior	Hollywood, Cal.
61	Skip Hall	201	6-0	19	Soph	East Liverpool, Ohio
62	John Parmater	205	6-0	21	Soph	Lansing, Mich.
75	Al Hollingsworth	220	5-11	20	Junior	Omaha, Neb.
<b>TACKLES</b>						
51	Ed Kulesza	230	6-3	20	Soph	Muskegon, Mich.
56	Marv Miller	254	5-11	21	Junior	Arvada
57	Gene Pflum	205	5-11	19	Soph	Longmont
60	Skip LaGuardia	224	6-0	19	Soph	Denver
63	Tom Kresnak	208	6-1	19	Soph	Muskegon, Mich.
69	Dick Barz	234	6-0	19	Soph	St. Joseph, Mich.
72	Bob Childers	236	6-6	19	Soph	Tulsa, Okla.
74	Tom Lund	203	6-2	22	Soph	Ludington, Mich.
76	Bill Bearss	220	6-2	21	Senior	Toledo, Ohio
77	Dan Grimm**	239	6-3	21	Senior	Des Moines, Iowa
84	Chuck Morris	209	6-2	21	Senior	Denver
<b>ENDS</b>						
66	Bruce Trent	216	6-1	19	Soph	Las Vegas, Nev.
80	Roger Wissmiller	205	6-3	20	Junior	Rantoul, Ill.
82	Stan Irvine	214	6-4	19	Soph	Denver
83	Donne Pitman	201	6-2	21	Senior	Catoosa, Okla.
85	Bill Sheppard	187	6-3	19	Soph	Denver
87	Capt. Ken Blair**	214	6-1	21	Senior	Roswell, N.M.
88	John McGuire	222	6-4	19	Soph	Chicago, Ill.
89	Tony Stricker	190	6-0	22	Senior	Midwest City, Okla.

\*lettermen





## Should a gentleman offer a Tiparillo to a lady?

**What is the story of this remarkable new smoke by Robt. Burns?**

If she enjoys smoking a cigarette, why not? The Tiparillo\* is slim, neat, mild as mild can be. Go ahead, offer her one.

But although Tiparillo is not "men only" it is "men mainly."

And that new pliable, pearly tip pays more than just lip service to your smoking pleasure. It's your mouthpiece to the careful blending of choicest imported tobaccos. Tiparillo has

the kind of flavor you don't have to inhale to enjoy... peace of mind in every puff. Moreover, there's the exclusive veinless Ultra Cigar Wrapper\* that burns so evenly and smoothly it insures complete mildness.

The surprisingly whiter ash is visible evidence of Tiparillo mildness. And that's your best smoking tip for today. Only 5¢ each. ONLY 5¢? Yes, only 5¢.

\*T. M. GENERAL CIGAR CO., INC.

**Tiparillos are on sale at this stadium.**



# CYCLONE CAPSULES

**Larry Hannahs, junior.** End. 6-2, 200. Born in Canton, Ohio, July 7, 1942. Son of Mr. and Mrs. Donald D. Hannahs, 560 Spring Hollow Road, Circleville, Ohio. Dad is a production manager. Graduated from Circleville high in 1960 with 8 letters: football (3); basketball (2); track (3). Basketball captain. Coached by Carl Benhase and Tom Bennett. Home town paper is the Circleville Herald. Major is Industrial Engineering.

**Bruce (Moose) Grasser, junior.** Tackle. Letterman. 6-0, 205. Born in Cleveland, Ohio, March 8, 1941. Son of Mr. and Mrs. Carl H. Grasser, 6518 Maplehurst, North Olmstead, Ohio. Dad is an experimental tool and die maker. Graduated from John Marshall high in 1959 with 6 letters: football (3); wrestling (3). Football co-captain. Coach was Bill Moritz. Major is Chemical Engineering. Home town papers are Cleveland Press and Plain Dealer.

**William (Bill) Arthur King III, sophomore.** Fullback. 5-10, 190. Born in Minneapolis, Minn., Oct. 17, 1942. Son of Mr. and Mrs. William A. King II, 278 Lincoln Drive South, West Bend, Wis. Dad is a building materials salesman. Graduated from West Bend high in 1960 with 12 letters: football (2); track (3); basketball (3); baseball (4). Coached by Warren Bowlus. Major is Zoology. Home town paper is the West Bend News. Was a freshman at Marquette then transferred to Iowa State when Hilltoppers gave up the game. Dad was an outstanding hockey player in Minneapolis during and after high school and an uncle played at Northwestern, teammate of Otto Graham.

**Ernie Kun, sophomore.** Center. 6-0, 202. Born in Palmerton, Penn., June 14, 1940. Son of Mr. and Mrs. Steve Kun, 723 Franklin Avenue, Palmerton, Penn. Dad is a coal miner and factory worker. Graduated from Palm-

erton high in 1958 with 9 letters: football (3); wrestling (3); baseball (3). Captained football, baseball teams. Coached by Karl Karvasale. Major is Physical Education. Home town paper is the Palmerton Post.

**Dick Limerick, junior.** Wing back. Letterman. 6-0, 200. Born in Thurston, Neb., Nov. 12, 1940. Son of Mrs. Stella Limerick, 711 Nebraska St., Sioux City. Mother is a cook. Graduated from Sioux City Central in 1959 with 6 letters: football (2); basketball (3); track (1). Captained football, basketball teams. All-stater in football, basketball. Coached by Wally Piper. Major is Physical Education. Home town paper is the Sioux City Journal; radio KSCJ, KTRI, KMNS, WNAX. Top pass receiver in Big Eight conference. Set state tournament scoring record in 1958 basketball meet.

**John (Jocko) McGonegle, sophomore.** End. 6-1, 200. Born in Cincinnati, Ohio, July 19, 1943. Son of Mrs. Suzanne McGonegle, 1302 Bursal Ave., Cincinnati 30, Ohio. Graduated from Cincinnati McNicholas high in 1961 with 6 letters: football (3); basketball (2); baseball (1). Coached by Bob Geiser. Majoring in Architecture and Architectural Engineering. Home town papers are Cincinnati Post & Times-Star and the Enquirer.

**Larry (Tree) Montre, senior.** End. Letterman. 6-4, 215. Born in Detroit, Mich., April 20, 1941. Son of Mr. and Mrs. Dennis Montre, 6526 Jonathan, Dearborn, Mich. Dad is a meat smoker. Graduated from Fordson high in Dearborn in 1959 with 9 letters: football (3); basketball (3); track (3). Captained football and basketball teams. Coached by Mike Megregian. Major is Physical Education. Home town paper Dearborn Guide, also Detroit Free Press. Fine pro end prospect.



# CYCLONE CAPSULES

**Ron Onopa, sophomore.** Quarterback. 6-1, 195. Born in Wausau, Wis., July 9, 1942. Son of Mr. and Mrs. Frank Onopa, 108 Kort Street, Schofield, Wis. Dad is a factory worker. Graduated from Wausau Newman high in 1960 with 7 letters: football (3); basketball (3); track (1). Catholic all-state. Coach was Mike McMahon. Major is Industrial Administration. Home town paper is the Record Herald.

**Tom (Turtle) Parrish, junior.** Center. 6-1, 195. Born in Lancaster, Ohio, Jan. 13, 1942. Son of Mr. and Mrs. Herman E. Parrish, 1728 Wacker Drive, Lancaster, Ohio. Dad is a foreman for Anchor Hocking Glass Corp. Graduated from Lancaster high in 1960 with 2 football letters. Football co-captain. Coached by Larry Peterson. Major is Physical Education. Married. Home town paper is the Lancaster Eagle Gazette.

**Ken Pigott, sophomore.** End. 6-0, 200. Born in DeKalb, Ill., Oct. 8, 1943. Son of Mr. and Mrs. George Pigott, RR No. 1, DeKalb. Dad is cattleman and farmer. Graduated from DeKalb high in 1961 with 4 letters: football (2); basketball (2). Basketball captain, most valuable football player. Coach was Bob Heimerdinger. All-state footballer. Major is Civil Engineering. Home town paper is DeKalb Daily Chronicle; radio station WLKB (Brother Russ is News Editor). Fourth Pigott to attend Iowa State. His ambition—play on the Iowa State Big Eight championship team.

**Joe Podobnik, sophomore.** Fullback. 6-1, 196. Born in Joliet, Ill., Sept. 30, 1941. Son of Mr. and Mrs. Frank Podobnik, 1207 Highland, Joliet, Ill. Dad is a crane operator. Graduated from Joliet Catholic in 1959 with 6 letters: football (4); basketball (2). Football captain. All-Chicago, all-Suburban. Coach was Ernie Zalevski. Major is Industrial Administration. Home town paper is the Joliet Herald. Once pitched winning game in Pony League world series at Washington, Penn. Attended Wisconsin a year.

**Tom (Pete) Postak, sophomore.** Tackle. 6-2, 205. Born in Akron, Ohio, Jan. 22, 1941. Son of Mr. and Mrs. Peter Postak, Jr., 568 East State St., Barberton, Ohio. Dad is a crane operator. Graduated from Barberton high in 1961 with 2 football letters. On the state all-star team. Coached by Tom Phillips. Major aid; Akron Beacon-Journal.

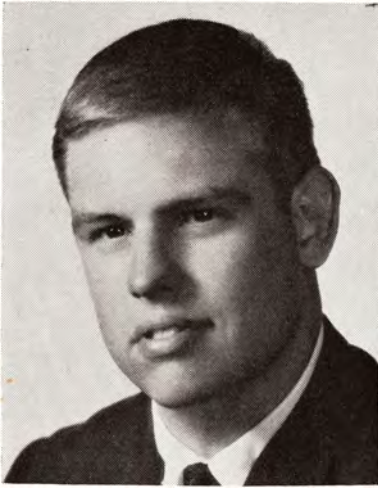
**Carl Proto, senior.** Guard. Letterman. 6-2, 200. Born in Mansfield, Ohio, Dec. 31, 1941. Son of Mr. and Mrs. Sebastian Proto, 33 Helen Ave., Mansfield, Ohio. Dad is a machinist. Graduated from Mansfield senior high in 1959 with 2 football letters. Was an end when he came to Iowa State, now one of the top guards to play here. Major is Physical Education. Coaches were Bob McNea and Tom Pierson. Married. Home town paper is the Mansfield News-Journal.

**Phil (Deacon) Ritchie, sophomore.** Guard. 6-0, 205. Born in Cambridge, Mass., Aug. 29, 1943. Son of Mr. and Mrs. David Ritchie, 5082 Overbrook Place, Cincinnati, Ohio. Dad is a consulting engineer. Graduated from Cincinnati Withrow high in 1961 with 9 letters: football (3); basketball (3); baseball (3). Captained football and basketball teams. Coached by Ray Hartker. Major is Industrial Administration. Home town paper is Post & Times-Star and the Enquirer.

**Phil Roberts, sophomore.** Tackle. 6-0, 215. Born in Waterloo, Iowa, Dec. 11, 1942. Son of Mr. and Mrs. Russell Roberts, RR No. 1, Reinbeck, Iowa. Dad is a farmer. Graduated from Reinbeck high in 1961 with 9 letters: football (4); wrestling (3); track (2). Wrestling captain. Coach was Arden Johnston. Major is Animal Science. Ranked third in Iowa as heavyweight with 20-1 record. Dad was a top griddier at Coe which spurred Phil's interest in sports.



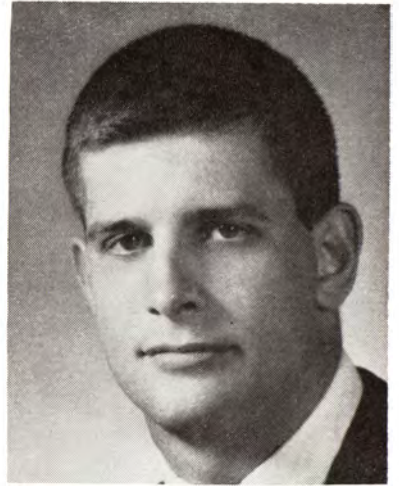
- **BUFFALOES** -



**Bill Bearss—T**



**Capt. Ken Blair—E**



**Frank Cesarek—QB**



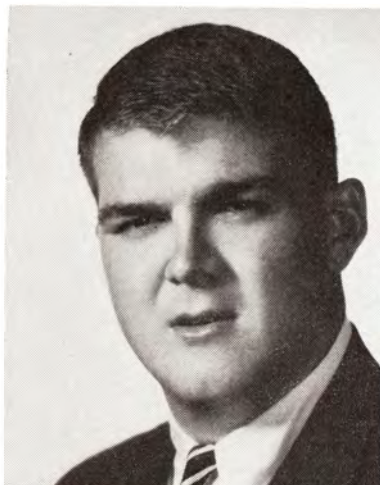
**Dale Christensen—C**



**Larry Ethridge—QB**



**Nick Graham—HB**



**Dan Grimm—G**



**Skip Hall—G**



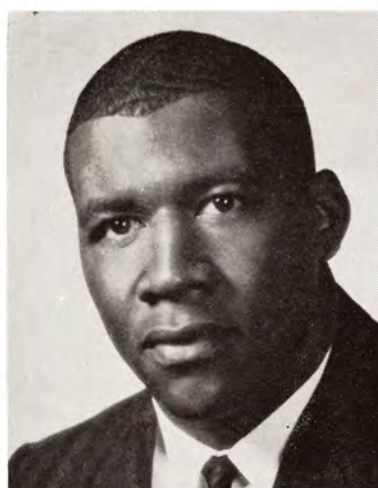
- **BUFFALOES** -



**Bill Harris—FB**



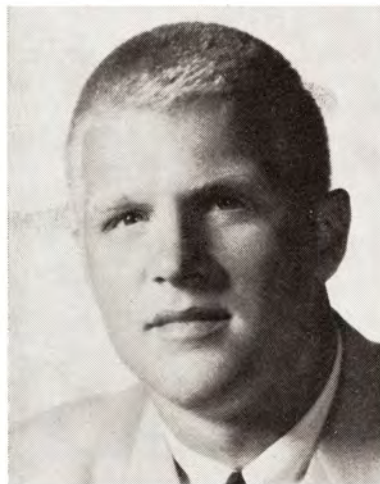
**Ben Howel—FB**



**Al Hollingsworth—G**



**Stan Irvine—E**



**Tom Kresnak—T**



**Skip LaGuardia—T**



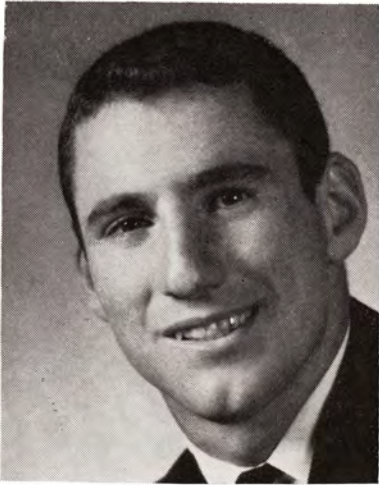
**Terry Locke—HB**



**Tom Lund—T**



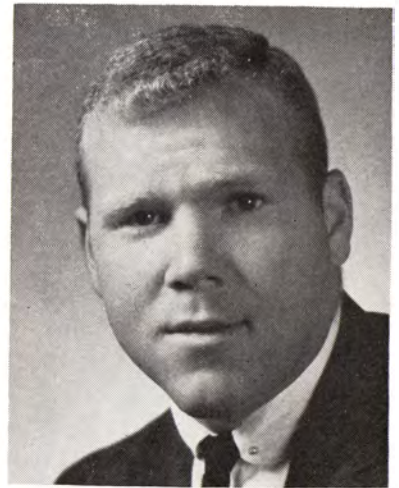
# - BUFFALOES -



Leon Mavity—HB



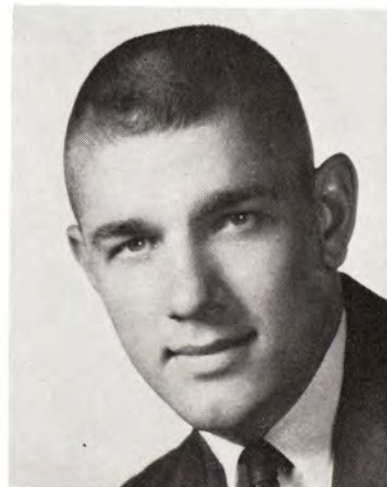
John McGuire—E



Dick Melville—FB



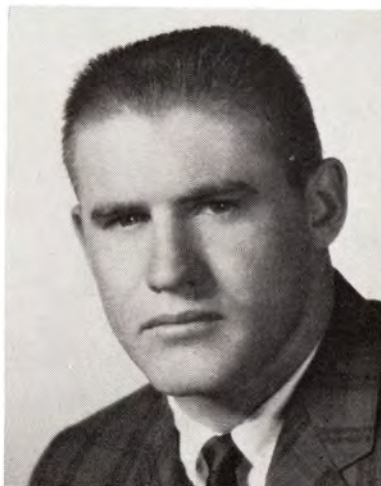
Steve Osborn—C



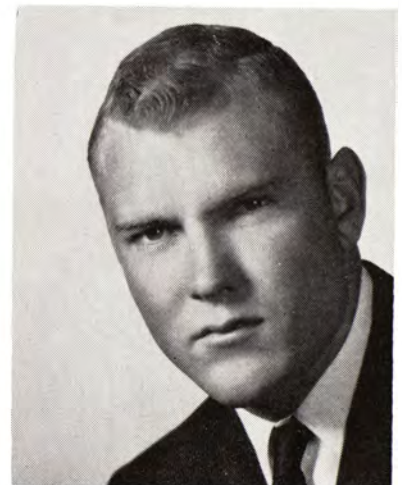
John Parmeter—G



Ted Somerville—HB



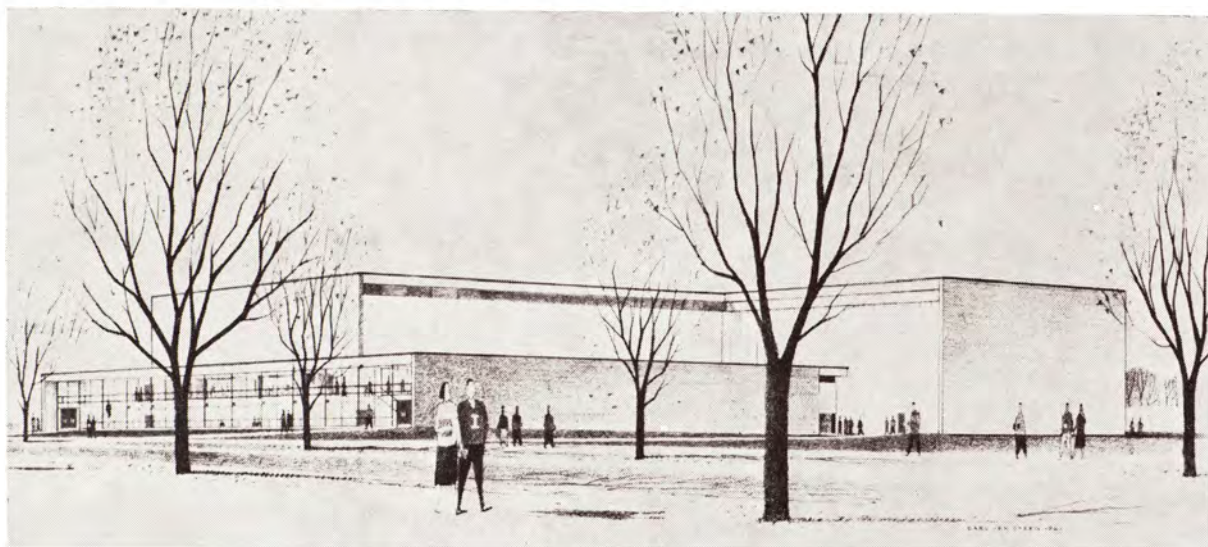
Bill Symons—HB



Jerry Watkins—HB



# New Gymnasium



Another step forward in improving the men's physical education facilities at Iowa State was realized this fall with the start of work on the new Men's Physical Education Building, north of the present Men's Gym.

Completion is expected by Christmas of 1963. The new facility has a \$1,800,000 price tag.

Prime improvement will be a long-needed swimming pool. The new pool will be 75 by 50 feet and will be supplemented by a 32 by 50 foot diving pool. Seating capacity at the new pool will be 800. Few spectators can be accommodated at the old pool.

The new pool will be the finest in the Midwest and one of the top three in the nation.

The two-story building also will have five classrooms with a capacity of 350 students, six handball courts, two squash courts, a locker room with 5,000 lockers and 150 showers.

For intramural play, there will be six basketball courts, one of which also will be used for gymnastics. There will be a large varsity locker room for sports in season. Adjacent to this will be a training room. A separate wrestling room is included in the physical planning.

A new equipment supply room and a complete laundry for athletic equipment

will be housed in the new building. For those athletes who find they are carrying too much weight, there will be a modern steam room.

Facilities in the new Men's Physical Education Building will show the greatest benefits in the intramural program for men and in the regularly-scheduled required physical education courses for male students.

At present, intramural contests are scheduled far into the night because facilities are insufficient to allow all the contests to be played in the daylight or early evening hours. With the basketball courts in the new building to supplement those in the present Men's Gymnasium, it will be possible to schedule more contests with greater efficiency.

More men students will be accommodated in the required physical education courses than at present and scheduling of classes will be less of a problem than it has been with growing enrollments and only limited facilities.

The only offices to be relocated in the new building will be those of the Men's Physical Education Department. Since required courses are supervised by the department and the intramural program administered by members of this staff, it will be more convenient to house their offices close to their operations.



# 1962 BIG EIGHT FOOTBALL SCHEDULE 1962

SATURDAY DATES	IOWA STATE	KANSAS STATE	OKLAHOMA STATE	COLORADO	KANSAS	MISSOURI	NEBRASKA	OKLAHOMA
SEPT. 15	DRAKE Home							
SEPT. 22	OREGON STATE Portland—(N)	INDIANA Away	ARKANSAS Little Rock—(N)	UTAH Away—(N)	T. C. U. Home	CALIFORNIA Away	SO. DAKOTA U. Home	SYRACUSE Home
SEPT. 29		COLORADO Away		KANSAS STATE Home	BOSTON U. Away—(N)	MINNESOTA Away	MICHIGAN Away	NOTRE DAME Home
OCT. 6	NEBRASKA Away	WASHINGTON Away	TULSA Away	KANSAS Away	COLORADO Home	ARIZONA Home	IOWA STATE Home	
OCT...13	KANSAS Home	MISSOURI Home	COLORADO Home	OKLAHOMA STATE Away	IOWA STATE Away	KANSAS STATE Away	N. CAROLINA STATE Home	TEXAS Dallas
OCT. 20	COLORADO Home	NEBRASKA Away	MISSOURI Away	IOWA STATE Away	OKLAHOMA Home	OKLAHOMA STATE Home	KANSAS STATE Home	KANSAS Away
OCT. 27	MISSOURI Away	OKLAHOMA Away	KANSAS Home	NEBRASKA Home	OKLAHOMA STATE Away	IOWA STATE Home	COLORADO Away	KANSAS STATE Home
NOV. 3	OKLAHOMA STATE Away	KANSAS Home	IOWA STATE Home	OKLAHOMA Home	KANSAS STATE Away	NEBRASKA Away	MISSOURI Home	COLORADO Away
NOV. 10	OKLAHOMA Home	ARIZONA Away	ARMY Away	MISSOURI Away	NEBRASKA Home	COLORADO Home	KANSAS Away	IOWA STATE Away
NOV. 17	KANSAS STATE Away	IOWA STATE Home	NEBRASKA Away	TEXAS TECH. Away	CALIFORNIA Home	OKLAHOMA Away	OKLAHOMA STATE Home	MISSOURI Home
NOV. 24	OHIO U. Home	OKLAHOMA STATE Home	KANSAS STATE Away	AIR FORCE Home	MISSOURI Away	KANSAS Home	OKLAHOMA Away	NEBRASKA Home
DEC. 1			OKLAHOMA Home					OKLAHOMA STATE Away



# **Bob Lawson to Head Track Program at Iowa State**



Newest addition to the Iowa State University physical education and coaching staff is Bob Lawson who was named head track coach this past summer.

Born in Aberdeen, Washington, in 1935, he attended Aberdeen high school, graduating in 1954. He attended the University of Southern California where he received the bachelor of science degree in education in 1959. He then went to Oregon State University where he received the master of education degree in 1960.

While at Southern California, he lettered in track for three years and won the Most Inspiration Track Award in 1955 and 1958. He was also a member of Skull and Dagger, men's honorary, at USC. While at Oregon State, he was a graduate assistant in health and guidance.

After leaving Oregon State, Lawson became assistant track coach at the University of Kansas. Prior to that, he was freshman track coach at USC in 1958 and 1959 and assistant at Oregon State in 1959 and 1960.

At Iowa State University, he is assistant professor of physical education and head track and cross country coach. His Cyclone charges are in their cross country competition now. Last week, they ran against Drake and Nebraska with the following result: Iowa State 78, Drake 28, Nebraska 29. Yesterday they met Minnesota and Grinnell in a second triangular run.

Bob will be devoting his time to building up the track and field program at Iowa State University for the tough competition the Big Eight Conference presents. A short season for outdoor work and inadequate facilities for indoor running make this a big job. But, Lawson has an optimistic outlook and a lot of enthusiasm. If this is what it takes, he will do a fine job for the Cyclones.

Bob is married to the former Connie Caile of Crawfordsville, Ind. She attended Indiana University and is a member of Gamma Phi Beta sorority. They have two youngsters: Robert Troy, going on four, and Mark William, going on two.



## ALLEN MOTOR CO.

CHEVROLET - BUICK

5th & Douglas

Ames, Iowa

## IOWA STATE FOOTBALL SCHEDULES

1963

Sept. 21	California .....	Berkeley
Sept. 28	V.M.I. ....	Ames
Oct. 5	Nebraska .....	Lincoln
Oct. 12	Kansas .....	Lawrence
Oct. 19	Colorado .....	Boulder
Oct. 26	Missouri .....	Ames
Nov. 2	Oklahoma State .....	Ames
Nov. 9	Oklahoma .....	Norman
Nov. 16	Kansas State .....	Ames
Nov. 23	Drake .....	Des Moines

1964

Sept. 19	Drake .....	Ames
Sept. 26	Oklahoma State .....	Stillwater
Oct. 3	Nebraska .....	Ames
Oct. 10	Kansas .....	Ames
Oct. 17	Colorado .....	Ames
Oct. 24	Missouri .....	Columbia
Oct. 31	Army .....	West Point
Nov. 7	Oklahoma .....	Norman
Nov. 14	Kansas State .....	Manhattan
Nov. 21	Arizona .....	Tucson

*"Dependable Banking"*

"YOUR FRIENDLY  
MAIN STREET BANK"

## Union Story Trust & Savings Bank

MAIN AND BURNETT

AMES' MOST MODERN BANK  
COMPLETE FINANCIAL SERVICE  
OFFICE AT GILBERT, IOWA

DEPOSITS INSURED TO \$10,000 FOR EACH  
DEPOSITOR BY FEDERAL DEPOSIT  
INSURANCE CORPORATION

FOR 60 YEARS

Modern, Progressive Banking Service  
for Ames and  
Iowa State University



THE MOTOR BANK

*"The Bank Where You Feel At Home"*



MEMBER . . . FEDERAL RESERVE SYSTEM  
AMES, IOWA

Across from City Hall in Downtown Ames



# UPI Sports Editor Salutes The Football Official

By LEO H. PETERSEN  
Sports Editor  
United Press International

There isn't much glamor connected with their jobs, and they don't receive much money, but those guys dressed in white knickers and black and white shirts you see down on the field are mighty important.

For they are the officials who will control the conduct of the game you will see today and who, in fact, control the conduct of the great game of college football.

They go unnoticed for the most part, except when they throw down a red penalty flag against your team at a critical moment. They become conspicuous only when they become involved in controversy. Yet because of the part they play and the decisions they are called upon to make they are as vital to the game as the players and the coaches.

So with little monetary reward—and few compliments compared to the number of criticisms—football fans naturally wonder:

"Where do they come from? How are they trained? How are they selected? Supervised? Evaluated?"

They come from business, industry, municipal, state and federal government agencies, private and public schools and varied professions. They are highly skilled, their training is long and thorough, yet to most of them football officiating is just a hobby, the fee paid for their services being very nominal. When they get to the very top, the most they receive is \$135 a game and expenses. Until they get to the top their fees range as low as \$25 per game and expenses.

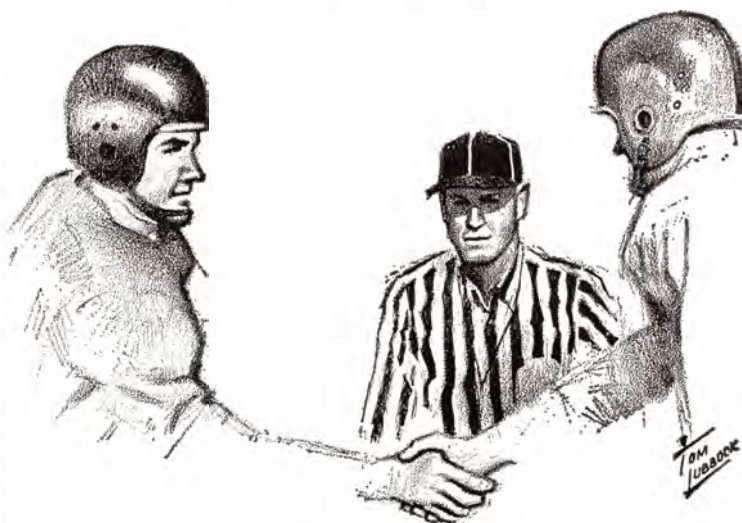
Their attitude toward the job they are doing is embodied in the constitution and by-laws of the Eastern Association of Intercollegiate football officials:

"The purpose of this association shall be to promote the welfare of the American intercollegiate game of football, its players and officials; to maintain the highest standards of officiating; to encourage the spirit of fair play and sportsmanship, to have available at all times an adequate number of thoroughly trained and capable officials for use by the various appointing authorities; and to cooperate with all other organizations officially connected with the American intercollegiate game of football in furthering its interests and ideals."

The immediate past president of that Eastern organization is Ray Barbuti, an executive of the New York State government. A football and track star at Syracuse, Barbuti was the Olympic 400-meter champion in 1928.

Most of the football officials are former high school and college players, some of them All-Americans, dedicated to intercollegiate athletics in general and college football in particular. One may be your next door neighbor, your physician or dentist, a sales executive, a college dean, a lawyer, an engineer or a state senator.

At an intersectional game you might see an attorney (Gaspar Perricone of Denver) teaming with a former All-American and FBI agent who is now a security officer at a Fort Worth aircraft plant (I. B. Hale). That same day a physician from Lorain, Ohio (Dr. Robert



Schotz) could be taking a day off to work a game with a broker from the floor of the New York Stock Exchange (Walter Scholl) or an Army Colonel from the Southwest (Taylor Wilkins) or a certified public accountant from down South.

While a college football player background is desired, it is not required. In most instances, however, this type of experience and background speeds up the development of a football official.

Training usually follows this pattern: They begin by handling junior high school or secondary school games; next they progress to college freshman and junior varsity competition. Finally, they advance to small college and then major college contests. The average time required to reach the top is about ten years.

Throughout the training process, many officials fall by the wayside with only the more competent and the more dedicated advancing to the top. Those who reach the college level belong to conference groups selected and assigned by the various conference commissioners and/or executive secretaries.

Throughout the nation, these officials are required to attend clinics at which football rules and mechanics of football officiating are studied in exhaustive detail. There are practical demonstrations of specific game situations in some instances and before each season the official must pass a written examination.

And, of course, to be eligible to work games, he must pass a thorough physical examination.

During the course of each season officials are observed by members of conference offices or by observers commissioned by authorities for this necessary appraisal. In addition, college athletic directors and coaches usually rate the officials who work their games.

Although the method of supervision and rating of officials will vary in the various conferences, the underlying principles are the same.

Thus it is that those officials are down there on the job, not by chance or whim, but as the result of careful planning and thorough preparation. These men are an essential part of intercollegiate athletics, and they make a valuable contribution to its welfare and success.



# CYCLONE BOOSTERS

AMES BUILDING AND LOAN ASSOCIATION  
AMES LUMBER COMPANY  
AMES TUNE UP SERVICE  
ANDERSON'S BEAUTY SALON  
ART'S AUTO SALVAGE

BEN FRANKLIN STORE  
BERCK CLOTHING CO.  
BROWN'S SHOE FIT CO.  
BRUCE-ROSS CLOTHING

CAMPUS DRUG  
CARTER PRESS, INC.  
CHEF'S INN  
COE'S HOUSE OF FLOWERS

DIESEL SERVICE CO.  
DOUGHBOY INDUSTRIES, INC.

EL RANCHO MOTEL

GIBBS PLUMBING & HEATING CO., INC.

HEATON FLOOR COVERINGS  
HIBBS PHILLIPS 66  
HILL STUDIO  
HOTEL BARBER SHOP

HOWARD FLYING SERVICE, INC.  
HUNZIKER REALTY

JAMESON'S

L. C. "BILL" FAUST — REALTOR  
LANDSBERG PHARMACY  
LAYNE WESTERN CO.  
LINCOLN LODGE

McDOWELL AGENCY, INC.  
MOSER LUGGAGE & LEATHER STORE  
MOTOR SALES & SERVICE

NEISWANGERS CAFE

ORNING GLASS CO.  
OSLUND DRUG

RAINBOW COFFEE SHOP

S. HANSON LUMBER CO.  
SCHOENEMAN LUMBER CO.  
SIEDELMANN CONSTRUCTION CO.  
SILVER SADDLE MOTEL  
SKEIE MOTOR CO.  
STUDENT SUPPLY STORE  
SWANK'S JEWELRY

WHITE'S SPECTATOR



# Biomedical Electronics Program at Iowa State

Iowa State University's young Biomedical Electronics Program has a new \$407,500 home. The program, first of its kind in the world, moved into the new instrumentation Research Laboratory this fall.

Since its founding in 1957, the biomedical electronics program has been conducted in facilities of the colleges of Engineering and Veterinary Medicine.

The biomedical electronics program is directed to the design of equipment for detecting biological changes, improvement of present instruments and evaluation of results by quantitative methods. The research involves developing and refining instruments for making biomedical measurements and utilizing engineering concepts and analytical techniques in quantitative studies of life processes.

The building was constructed with funds provided by a \$207,500 state appropriation and a \$200,000 grant from the National Institutes of Health.

Air conditioning and complete balance of the electrical power system are special features of the building. Special wiring throughout eliminates interference to the delicate equipment used in the research. University officials believe this may be the only building in the world incorporating this special feature.

The basement level contains feed and animal rooms, a tissue cold storage room and two research laboratories. On the first floor are offices, a seminar room, a large experimentation laboratory and an advanced research laboratory.

Included on the second floor are an X-ray room, drug room, photographic laboratory, electronic microscope laboratory and a microtome room where tissue slides are prepared, electronic shop, individual office-laboratories and a surgery suite.

The operating room is completely shielded to prevent electrical interference. Adjoining the surgery is an observation and recording room where operations may be monitored and electronic data recorded.

In terms of numbers of students, biomedical electronics is small, there being 14 graduate students enrolled. But there is nothing small about the magnitude of

the work done by these students.

Much of the work already accomplished by them has been given practical demonstration in hospitals. A device for measuring blood pressure automatically has been used in Iowa Methodist Hospital.

In cooperation with Ames physicians, David Carlson developed an electronic respirator for premature infants who suffer from a condition known as hyaline membrane disease. A membrane in the lungs of the infants makes breathing difficult and can be fatal. Carlson's compact respirator goes into operation each time the infant must breathe, supplying the baby with precisely the necessary volume of oxygen. The respirator can keep such infants alive during the critical first three or four days of life, after which the membrane disappears.

Students are engaged in research on radio telemetry, converting part of the animal's own body energy to power a radio oscillator; metering carbon dioxide levels in each expiratory breath; measuring conductivity of salt solutions in the body without electrodes; developing special electrodes for neurological studies and other varied projects.

Since Iowa State established this program to enable engineers and life scientists to become knowledgeable in both fields, five other institutions have followed suit.



Norman Dillma, Indianola, reports on his research to fellow biomedical electronics students in the seminar room of the new Instrumentation Research Laboratory at Iowa State University.



# Iowa State University Cheers

## YEA IOWA

Yea — — Iowa  
Yea — — State  
Yea, Yea, Iowa State.

## GIVE ME AN "I"

Give Me An "I" — "I"  
Give Me An "O" — "O"  
Give Me A "W" — "W"  
Give Me An "A" — "A"  
Iowa State, Iowa State  
I — S — U.

## TEAM (watch arm movements of cheerleaders)

T — E — A — M  
T — E — A — M  
T — E — A — M  
Team, Fight.

## CYCLONES

C — Y — C — L — O — N — E — S  
Cyclones, Fight.

## FOUR CLAPS

(clap four times)  
Fight, Fight, Fight, Fight  
(clap four times)  
Fight, Fight, Fight, Fight  
(clap four times)  
Fight, Fight, Fight, Fight  
Yea — — — — Team, Fight.

## KICK-OFF YELL

Go — — — — — Cyclones

## IOWA STATE UNIVERSITY FIGHT SONG

O we will fight, fight, fight for Iowa State  
And may her colors ever fly—  
Yes, we will fight with might for Iowa State  
With a will to do or die, rah, rah, rah!  
Loyal sons, forever true,  
And we will fight the battle thru—  
And when we hit that line we'll hit it hard every yard for I.S.U.

## FOR "I" FOR "S" FOREVER

For "I", for "S", forever,  
For Iowa State all the way,  
Let's go to show them what the gang's all here for  
Go, to show them how the Cyclones cheer  
For "I", for "S", forever,  
For Iowa State do it right!  
It's time to climb upon the victory wagon  
Fight, Iowa State, Fight, Fight.





Munch a bunch of Fritos corn chips!

Enjoy the game more . . . by enjoying  
the lightly-toasted, lightly-roasted flavor of  
Fritos corn chips. *Everybody* wins with Fritos . . .  
'cause they're *made* to munch!

**NOW ON SALE IN THIS STADIUM**



FRITOS IS A REGISTERED TRADEMARK OF FRITO-LAY, INC.



*Another Step Forward*

# **Woodruff - Evans Construction**

**GENERAL CONTRACTORS**

Ft. Dodge, Iowa

In the development of the finest in physical education facilities at Iowa State University was begun this fall with construction of the new Physical Education Building north of the present Gymnasium.

The new facility will give greater area for intramural athletics, physical education classes and one of the best swimming pools for conference competition in the Midwest. This is another milestone in the advance of a comprehensive program at Iowa State University. Completion will be by 1964.

**THE NEW PHYSICAL EDUCATION BUILDING**

