You’ve got a lot to live

Pepsi’s got a lot to give

What we mean is this: living isn’t always easy, but it never has to be dull. There’s too much to see, to do, to enjoy. Put yourself behind a Pepsi-Cola and get started. You’ve got a lot to live.
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Equipment For Every Sport

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Seely Johnston '24

OFFICIAL PROGRAM AND MAGAZINE

ILLINOIS
VS.
TULANE

MEMORIAL STADIUM SEPTEMBER 26, 1970

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We are grateful to the advertisers in this program for their support of the 1970 Fighting Illini football team. If you are interested in advertising in future issues this season or in the 1971 Illinois football program magazines, please contact David R. Gaumer, 115 Assembly Hall, Champaign, Ill.

Programs printed by Illinois Printing Co., Danville, Ill.
Covers printed by Printing Impressions Corp., Champaign, Ill.
Illinois Officials Welcome Our Guests
1970-71 TOUR SCHEDULE


DEC. 26, 1970—Hawaii, including the Rainbow Classic. Options of six, nine, and 15 days. From $498.

JAN. 30-FEB. 8, 1971—The skiers’ special. St. Moritz or Montana-Crans, Switzerland. $459 and $397.

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JUNE 23 and AUG. 20, 1971—Transportation only, Chicago to London and London to Chicago. $250.

JUNE 24-JULY 15, 1971—Scandinavia and Vienna. $1,470.


SPAIN is the first stop on the 1970-71 Alumni Association tour schedule. Spaces still are available for the October 26 jet flight to Madrid.

The attractions of Hawaii are combined with a chance to see Coach Harv Schmidt’s Illini basketball team in action in the Rainbow Classic in the Alumni Association’s second tour. It leaves Dec. 26.

(Tours are limited to members of the Alumni Association and their immediate families. If you are interested in joining, write for details.)

Return this Form to: Alumni Association,
227 Illini Union, Urbana, Illinois 61801

□ Enclosed is my deposit (at $100 each) for the ______________________tour.

□ Send me brochure with complete information about the ______________________tour.

Name: __________________________
Address: ________________________

Merchandise From the Alumni Association

TIE CLASP
A neat practical way to show that you’re an Illini Clasp is gold plated with orange and blue seal. $3.50.

ILLINOIS GLASSES

ILLINOIS PLAYING CARDS
Attractive double-deck set with Alma Mater printed on back, one deck in orange, the other in blue. Comes in plastic case. $4.00.

HOW TO ORDER

Send order form, including name and address, to: University of Illinois Alumni Association, 227 Illini Union, Urbana, Illinois 61801. Make checks payable to University of Illinois Alumni Association. Note that all prices include tax, handling charge, and postage.

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No BASE in the United States Air Force is more closely allied with the growth of airpower than a sprawling military metropolis in central Illinois. Only a handful of bases—Kelley, Brooks, Bolling, Langley, and Wright-Patterson—even come near sharing the distinction enjoyed by Chanute Air Force Base. All were named for pioneers in the field of aviation, and all are among the oldest bases in the United States Air Force.

In 1967 Chanute AFB observed its fiftieth anniversary and celebrated a half-century of achievement that is synonymous with the growth of aviation. But the anniversary celebration was more than just a historical observance. It commemorated the memory of a man who probably had more to do with the initial development of aviation than any one else in the United States, with the possible exception of Orville and Wilbur Wright.

The man was Octave Chanute, a dedicated scientist whose research into the theories of heavier-than-air flight paved the way for the Wright Brothers’ spectacular flight in 1903. It was his discovery of many fundamental aerodynamic principles that solved several of the difficult problems facing the Wright Brothers in their initial flying attempts.

Chanute even envisioned the limitless future of airpower after he lived to see his ideas used in the successful flight at Kittyhawk, N. C.

It was the urgent need for pilots caused by World War I, that prompted the government to establish airfields to train flyers. One such site selected was adjacent to Rantoul then a typical midwestern village of 1,400 people. The Rantoul Weekly News of 22 May 1917 carried this item, "The Rantoul Aviation Field has been accepted by the government. Work will commence at once in putting the tract in proper shape for aviation purposes."

Building was pushed with fervent enthusiasm. At the center of a square mile of cornfields, just south of Rantoul, trees were cut down, farm houses and barns were moved, and stumps were dynamited. "Every carpenter and building mechanic within a 100-mile radius was mobilized. Every farmer in the community who owned a wagon was employed to carry lumber, and even people who could use only a hammer and saw were mobilized for the task. There was an ardor about it reminiscent of the building of Solomon’s Temple."

Twelve weeks and one million dollars later, the grounds were usable and the buildings ready for occupancy. Major H. H. (Hap) Arnold (later commanding general, Army Air Forces) was among the officials who inspected and accepted the field on behalf of the government, pronouncing it "one of the best equipped fields in the United States."

The fundamental purpose of the first school at Chanute Field was to get the fledgling pilots a thousand feet above the earth with nothing around them but space. Here they are taught to deal with bulky engines and treacherous windpockets, to train a machine gun upon an imaginary foe, to drop bombs from varying heights, and to use all the subtleties of the flying art.

Graduates of this training went directly to France for advanced training in combat planes, and many admirable military records were made by pilots whose early training was at Chanute Field.

Today the 3345th Technical School performs the primary mission of the base, to provide military and technical training for officers, airmen, and civilian employees of the U. S. Air Force, Air Reserve, Air National Guard, other departments of the national defense establishment, and to foreign students from some 25 countries.

The Technical School is organized into five major departments of instruction. These are (1) the Department of Aircraft Maintenance Training, (2) the Department of Missile Training, (3) the Department of Aircraft and Missile Specialist Training, (4) the Department of Weapons Systems Support Training, and (5) the Department of Weather Training.

Jointly, these departments provide the training and instruction necessary to produce many of the skilled technicians serving in the aerospace force.

The first "Jenny" takes off from Chanute Field in June 1917.
Members of a Civil Air Patrol unit receive instructions in jet aircraft mechanics as part of their encampment program at Chanute.

Trained emergency crews from Chanute provide disaster assistance (left) for the town of Crescent City, working to replace water service.

A WAF officer explains the operation of a Hound Dog missile to two Air Force Academy cadets during a visit to Chanute.

Chanute's Weather School provides training to all Air Force weathermen. Here a student officer receives a photo transmission from an ESSA satellite.

More than 25,000 highly skilled men are graduated each year from more than 200 Chanute courses, ranging from one week to nine months of concentrated study. Here an instructor explains testing gear to three students.
Head Coach Jim Valek

JIM VALEK is in his fourth year as head football Coach of the Fighting Illini. A 1949 Illinois graduate, Jim played four years of varsity football for former Coach Ray Eliot, serving as a standout end on the 1945-46-47-48 Illini squads. He was voted the team's most valuable player his senior year.

Following graduation, he coached at Wichita and at LaSalle-Peru High school in upstate Illinois. He returned to Illinois as an assistant to Eliot in 1959 after completing work here for his master's degree. He remained at Illinois as an assistant to Pete Elliott, then moved to West Point in 1961 for five seasons. He went to South Carolina in 1966 when Paul Dietzel made the switch from Army and was serving as an assistant there at the time of his appointment to the Illinois job in April 1966.
Our extra point

As far as we know, we’re the only oil company to guarantee our petroleum products and our automotive services. We mean everything from clean windshields to our gasoline, both Marathon Super-M premium and Mile-maker regular. These gasolines are seasonally blended for top performance in any weather. If you are not satisfied, you get your money back. That’s how much confidence we have in our products and our dealers. Try us, it’s one sure way to stay ahead of the game.
AN OPEN LETTER TO YOUTH

from an Olympic Athlete

CLIFF CUSHMAN
As an Olympian

CLIFF CUSHMAN
As a Kansas Hurdler

DONT FEEL SORRY FOR ME. I feel sorry for some of you!

You may have seen the U. S. Olympic Trials on television September 13. If so, you watched me hit the fifth hurdle, fall and lie on the track in an inglorious heap of skinned elbows, bruised hips, torn knees, and injured pride, unsuccessful in my attempt to make the Olympic team for the second time. In a split second all the many years of training, pain, sweat, blisters and agony of running were simply and irrevocably wiped out.

But I tried! I would much rather fail knowing I had put forth an honest effort than never to have tried at all.

This is not to say that everyone is capable of making the Olympic Team. However, each of you is capable of trying to make your own personal "Olympic Team," whether it be the high school football team, the glee club, the honor roll, or whatever your goal may be. Unless your reach exceeds your grasp, how can you be sure what you can attain? And don't you think there are things better than cigarettes, hot-rod cars, school dropouts, excessive make-up, and duck-tail grease-cuts?

Over 15 years ago I saw a star—first place in the Olympic Games. I literally started to run after it. In 1960 I came within three yards of grabbing it; this year I stumbled, fell and watched it recede four more years away. Certainly, I was very disappointed in falling flat on my face. However, there is nothing I can do about it now but get up, pick the cinders from my wounds, and take one more step followed by one more and one more, until the steps turn into miles and the miles into success.

I know I may never make it. The odds are against me but I have something in my favor—desire and faith. Romans 5:3-5 has always had an inspirational meaning to me in this regard. "... we rejoice in our sufferings, knowing that suffering produces endurance, and endurance produces character, and character produces hope, and hope does not disappoint us ... " At least I am going to try.

How about you? Would a little extra effort on your part bring up your grade average? Would you have a better chance to make the football team if you stayed an extra 15 minutes to practice and worked on your blocking?

Let me tell you something about yourselves. You are taller and heavier than any past generation in this country. You are spending more money, enjoying more freedom, and driving more cars than ever before, yet many of you are very unhappy. Some of you have never known the satisfaction of doing your best in sports, the joy of excelling in class, the wonderful feeling of completing a job, any job, and looking back on it knowing that you have done your best.

I dare you to have your hair cut and not wilt under the comments of your so-called friends. I dare you to clean up your language. I dare you to honor your mother and father. I dare you to go to church without having to be compelled to go by your parents. I dare you to unselfishly help someone less fortunate than yourself and enjoy the wonderful feeling that goes with it.

I dare you to become physically fit. I dare you to read a book that is not required in school. I dare you to look up at the stars, not down at the mud, and set your sights on one of them that, up to now, you thought was unattainable. There is plenty of room at the top, but no room for anyone to sit down.

Who knows? You may be surprised at what you can achieve with sincere effort. So get up, pick the cinders out of your wounds and take one more step.

I DARE YOU!

Sincerely,
CLIFTON E. CUSHMAN
A fan's guide to AstroTurf®

If you can't see the numbers on the players' shirts by the third quarter, you're looking at football about as out of date as the flying wedge. (Which was outlawed in 1905.)

Because great as this game is, it's always had one problem: it's played on ground. Ground gets wet. And ground plus wet equals mud.

That's why we came up with a kind of nylon grass for football fields. We call it AstroTurf® Stadium Surface.

With AstroTurf there's no mud. The players can pass better and receive better. They can run faster. In short, they can play better football. Football that's more fun for the fans to watch.

And AstroTurf costs a lot less than people think. That's why more than 2,500 games and practice scrimmages will be played on AstroTurf this fall.

AstroTurf® Comes Home

It occurred to us that if one AstroTurf could take the mud out of a stadium, another might keep mud out of your home.

So we invented the AstroTurf Door Mat. It's made of polyethylene blades of "grass" and it whisks dirt and mud off shoes and boots like no other door mat.

Then we thought about pools and patios and play areas. And we came up with AstroTurf Action Surface.

It's made of nylon like the stadium surface, and it's the answer for any place the action gets too tough for natural grass to take. Buy it at any department store, roll it out and cut it to fit. Easy.

AstroTurf® Goes to Work

While we were designing great AstroTurf surfaces for stadia and homes, we remembered not to neglect the poor businessman.

We have an AstroTurf Landscape Surface especially for him.

It looks like real grass, but it's made of tough polyethylene. So it keeps the grounds around gas stations and factories and motels and so on fresh and green all year long.

With no mowing. No edging. No clipping. No watering. (If AstroTurf should get a little dirty, just hose it down.)

We even have a special AstroTurf Putting Surface, with all the characteristics of a perfectly kept green.

There's a lot more to tell about AstroTurf, but we've about reached the bottom of the page. If you'd like to hear it, write to Monsanto Company, St. Louis, Mo. 63166.
Gene Vance Directs
Illini Athletic Program

GENE VANCE is in his fourth year as University of Illinois Athletic Director, having been named to the post in April 1967.

Vance was executive director of the University of Illinois Alumni Association from 1959 until his appointment as athletic director. He joined the Alumni Association staff in 1956 as field director.

A native of Clinton, Ill., Vance carved out a highly successful athletic career in basketball, winning all-state honors as a guard for Clinton High School in 1940. He also competed in prep baseball and football.

At the University of Illinois he joined Andy Phillip, Jack Smiley, Ken Menke, and Art Mathisen to form in 1941-42 and 1942-43 the famed Whiz Kids basketball team that captured two consecutive Big Ten crowns and won 25 of 27 conference games.

After the 1943 season Vance entered military service for three years, earning a lieutenant's commission and serving in the European theater for 16 months. He returned to the University and earned a B.S. degree in 1947.

Vance played professional basketball with the Chicago Stags and subsequently with the Moline Blackhaws until 1949 when he entered sales work. He was recalled to active duty in the U. S. Army in 1951 and served in Korea for a year.

In 1952 Vance entered high school coaching and teaching at LaSalle-Peru where he remained until he accepted the field directorship in alumni activities at the University. While coaching and teaching he earned an M.Ed. degree in 1955.

Vance is married to the former Grace Hoberg of Peru, a 1943 University of Illinois graduate. They are parents of four children, Jon, Jim, Sue, and Martha.
THE
ILLINI
UNION

AT THE
CENTER
OF
CAMPUS
LIFE
FOOTBALL BAND

UNEXCELLED PREGAME AND HALFTIME musical and marching entertainment is provided by University of Illinois football band. Under directors Albert A. Harding, Mark H. Hindsley, and now Everett D. Kisinger, the Marching Illini have built a reputation as the greatest marching, playing, and singing group of their kind. No Illinois football game would be complete without the splendor and grandeur of the band. Added to unequalled precision movements are original and inspiring harmony produced by instruments of 175 highly trained musicians, and a third component—a cappella singing arrangements.

Illinois' band is credited with numerous "firsts," including field formations, a cappella singing, and presentation of complete programs with predetermined signals in the music, without aid of pistol shots or whistles.

Each maneuver calls for tremendous amounts of work before it takes form on the gridiron. First, Director Kisinger provides special charts for each member of the band, with lines tracing every movement. Marching cues must be marked on each sheet of music. Then, hours are spent rehearsing on the field and in the Band Building.

Today's Program

PRE-GAME

FORMATION:
Entrance (North End Zone)
Salute to Tulane
Block I

MUSIC:
Pride of the Illini
Tulane Fight Song
Revelation March
Star Spangled Banner
Roll On, Tulane
Illinois Loyalty

HALFTIME

Entrance (South End Zone) (Theme—Women's Liberation)
The Right to Vote—1920 and Ballot Box
A Burning Ceremonial
Woman = Man
Another Women's Movement
The Pussy Cats
The Marching ILLINI

French National Defile March
Billboard March
Fire Ceremonial Dance
I Gotta' Be Me
What's New, Pussy Cat
Pride of the Illini
March of the Illini
Hail to the Orange
"AN ILLINI HERITAGE"

Walter C. Leck
GA, '34

One of Illinois Leading Life Insurance operations, the Walter C. Leck Agency, has a nucleus of Illini. The members of this agency have helped many other Illini accomplish their financial goals by encouraging and assisting them to start sound planning in their college years.

By providing top service and quality insurance products, the agency has experienced rapid growth. It now has 30 agents, 10 CLU's, and more than $125,000,000 of life insurance in force. It's a good organization to be associated with.

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(217) 365-3461

100 South Wacker Drive
Chicago, Illinois
(312) 726-8225

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We are marching for dear old Illini
For the men who are fighting for you
Here's a cheer for
our
dear
Alma Mater
May our love for her ever be true
As we're marching along life's pathways
May the spirit of old Illinois
Keep us marching and singing
With true Illini spirit
For our dear old Illinois.

ILLINOIS LOYALTY
We're loyal to you, Illinois,
We're "Orange and Blue," Illinois,
We'll back you to stand
'Gainst the best in the land
For we know you have sand, Illinois.
Rah! Rah!
So crack out that ball, Illinois,
We're backing you all, Illinois,
Our team is our fame protector;
On! boys for we expect a
Victory from you, Illinois.
Chehee, cha-ha, cha-ha-ha-ha,
Chehee, cha-ha, cha-ha-ha-ha,
Fling out that dear old flag of
Orange and Blue,
Lead on your sons and daughters
Fighting for you
Like men of old, on giants,
Placing reliance, shouting defiance—
Oskee-wow-wow—
Amid the broad green plains that nourish our land
For honest labor and for learning we stand,
And unto thee we pledge our heart and hand,
Dear Alma Mater, Illinois.

Hey—Fight—Fight
Hey—fight—fight,
Fight a little harder!
Hey—fight—fight,
Fight a little harder!

Team! Fight!
Team! Team!
Fight, Fight, Fight, Fight
Team! Team!
Fight, Fight, Fight, Fight
Team! Team!
Team, Fight!
Team, Team, Fight!

Hail to the Orange
Hail to the Orange
Hail to the Blue
Hail Alma Mater
Ever so true,
We love no other,
So let our motto be
Victory, Illinois
Varsity.

Hey! Hey! Hey! What do you say
Hey! Hey! What do you say,
Get that ball and fight!
Hey! Hey! What do you say,
Get that ball and fight!
A NINE-MAN BOARD, appointed by the University of Illinois Board of Trustees, supervises administration of the University Athletic Association.

Recommended by the president, these men serve without compensation and devote much time and energy to problems of intercollegiate athletics and other administrative matters.

Serving on the board at present are five members of the University faculty: Professor William A. Ferguson of Mathematics Department; Professor James R. Shipley, Head of the Department of Art; Professor Vernon K. Zimmerman, Associate Dean of the College of Commerce and Business Administration; and Professor Rollin G. Wright, Head of Department of Physical Education for Men.

Professor Ferguson serves as vice-president and Professor Shipley as secretary.

Ralph S. Johns, '25, of Wilmette is president of the board. Other alumni board members are: William T. Hocking, '42, of Chicago; Arthur R. Wyatt, '49, of Chicago; and Clifford L. Peterson, '41, of Moline.

The board appoints a treasurer who handles financial affairs and acts in an advisory capacity. Marc C. Norton, '22, Champaign, holds this office.

Athletic Director Gene Vance and Charles E. Flynn, assistant to the president, serve as non-voting members of the board.
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*Indicates letters earned
Your soft and silent companion at every meal

Famous as the "no-holes" bread, Batter-Whipped Sunbeam has a unique smoothness, tenderness and delicately-delicious flavor. Next time you're at your favorite food store, reach for Sunbeam. And after every game, restore your spent energy with Sunbeam sandwiches.

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TULANE ALPHABETICAL ROSTER

HEAD COACH: Jim Pittman. ASSISTANTS: Gerard Boudreaux, Andy Bourgeois, Joe Clark, Marv Kristynik, Tom (Pap) Morris, Billy Tohill, Frank Young.

11 ABERCROMBIE, DAVID. TB, 190, 6-0, 21
Senior.
21 HEBERT, RICKY. TB, 186, 5-10, 19
Sophomore.
30 HENDERSON, JOEL. LB, 205, 6-0, 21
Senior. 
56 HESTER, RAY. LB, 215, 6-2, 21
Junior. 
78 HOLLINGSWORTH, JEFF. sophomore.
57 HALE, JOEL. DT, 210, 6-3, 19
Junior.
79 WALDRON, BOB. DT, 235, 6-5, 20
Junior.
87 YOUNG, JOE. DE, 217, 6-1, 20
Junior.

12 ASHER, HAROLD. DE, 205, 6-1, 19
Senior.
46 ASHER, HAROLD. DE, 205, 6-1, 19
Senior.
74 BAILLES, BUCHT. WB, 187, 6-0, 20
Junior.
29 BARRIOS, STEVE. TB, 195, 5-11, 20
Junior.
38 BATEY, JIM. TB, 195, 5-11, 20
Junior.
63 BERTRAND, EARL. OG, 225, 5-11, 18
Sophomore.
19 BUCHANAN, JOHN. DB, 185, 6-0, 20
Sophomore.
23 BULLARD, JOE. DB, 185, 5-10, 21
Junior.
48 CHAPIN, PAUL. DB, 185, 6-0, 20
Senior.
64 CLINGON, BILLY. OG, 205, 5-10, 21
Senior.
76 COMMANDER, RAY. DT, 225, 6-2, 20
Junior.
4 CHAPIN, PAUL. DB, 185, 6-0, 20
Senior.
13 CORN, RONNIE. FB, 195, 6-0, 20
Junior.
27 CRAIN, DENNIS. WB, 175, 5-10, 20
Junior.
68 CULWELL, DAVID. TB, 185, 6-0, 20
Senior.
49 DALIER, LLOYD. OE, 200, 5-11, 19
Senior.
31 DAVIES, STEVE. WB, 215, 6-3, 20
Junior.
54 DeWITT, CHIP. C, 220, 6-1, 21
Senior.
45 DOUGHTY, KEN. LB, 195, 6-0, 21
Junior.
81 DUCK, BRYAN. LB, 195, 6-0, 19
Senior.
43 EDWARDS, TOMMY. FB, 215, 5-11, 21
Junior.
13 ELLIS, PAUL. S, 182, 5-10, 19
Senior.
41 EWING, GEORGE. DB, 183, 5-11, 19
Junior.
22 FARNELL, MIKE. WB, 185, 5-11, 21
Senior.
69 FOLEY, ROB. OT, 215, 6-0, 20
Senior.
52 FREY, BOB. C, 225, 6-2, 19
Senior.
89 GENDRON, JOE. DE, 215, 6-2, 19
Senior.
47 GIBSON, LEE. DB, 175, 5-11, 19
Sophomore.
34 GILL, JOHNNY. FB, 185, 6-0, 21
Senior.
10 GLEASON, GREG. QB, 178, 5-11, 20
Junior.
86 GODWIN, JIM. OE, 210, 6-2, 19
Junior.
70 GRAVES, BART. OT, 240, 6-4, 20
Sophomore.
39 GRIMES, BRUCE. LB, 195, 6-0, 20
Junior.
99 GUZMAN, ROBBIE. LB, 207, 6-2, 20
Junior.
57 HALE, JOEL. DT, 210, 6-3, 19
Junior.
55 HARDER, GLENN. LB, 215, 6-2, 19
Senior.
28 HARGRAVE, CARL. TB, 195, 6-2, 20
Senior.
25 HEAPE, SCOTT. WB, 191, 6-0, 20
Junior.
33 HEBERT, DAVID. DB, 185, 5-10, 19
Junior.
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Sophomore.
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Junior.
87 YOUNG, JOE. DE, 217, 6-1, 20
Junior.

*Indicates varsity letters
Members of the 1970 Illini cheerleading squad are: left to right (front row): Geri Katz, Skokie; Cheryl Lukehart, Peoria; Captain Paul Swaim, Macomb; Tina Parkhurst, Peoria; Connie Graham, Danville; second row: Scott Morford, Decatur; Cindy Stoklosa, Champaign; Cathie Infusino, Norridge; Mary Ann Crabill, Washington; Jim Rosenberg, Washington; third row: Bunny Lemar, Taylorville; Whitney Pope, Champaign; back row: Gregg Wescott, Lansing; Pam Wall, Oak Park; Cairn Beals, Collinsville; Patty Angell Allen, Mascoutah; John Davis, Park Ridge.
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Urbana, Illinois

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For tickets to remaining Illini games write or stop by:
Football Ticket Office
100 Assembly Hall, Champaign
Hours: 9-5:30 M-F

...the TEAM

WELCOME FANS!

ILLINI WIN TODAY!
JOHN KAISER ... fine pass catcher with good speed and moves ... an excellent blocker, John performs well as either tight or split end ... a good student, earning honorable mention on Big Ten All Academic team as junior ... an all-round prep athlete, earning three letters each in football, basketball and baseball at Adams High in South Bend, Ind. ... enrolled in communications, majoring in advertising ... son of Mr. and Mrs. John Kaiser.

TOM SCOTT ... two-year regular at offensive tackle ... was granted extra year of eligibility due to injury in sophomore season ... outstanding blocker, earning recognition as UPI Midwest Lineman of week after Indiana game in 1968 ... earned honorable mention All Big Ten honors from both AP and UPI last season ... enrolled in physical education and considering a coaching career ... a recent bridegroom, marrying the former Susan Kumbera on June 13 this summer.

TOM JONES ... came to Illinois as a top offensive back prospect, but was switched to defense when he broke arm early in soph season ... has good speed, quick reactions ... was a prep all-stater at Aurora East high school where he earned nine letters, three each in football, basketball, and track ... was named Athlete of Year in Aurora in 1967 ... enrolled in physical education and hopes to coach ... son of Mr. and Mrs. Hubert Jones.
Future Schedules

(NOTE: Due to scheduling of an additional Big Ten game beginning with the 1971 season, previously published listings of future Illini football schedules may be in error. These schedules reflect changes made by the Big Ten in recent weeks.

1971 ILLINI FOOTBALL
(Home games in CAPS)
Sept. 11—At Michigan State
Sept. 18—NORTH CAROLINA
Sept. 25—At Southern California
Oct. 2—WASHINGTON
Oct. 9—OHIO STATE
Oct. 16—At Michigan
Oct. 23—PURDUE
Oct. 30—NORTHWESTERN
Nov. 6—At Indiana
Nov. 13—At Wisconsin
Nov. 20—IOWA

1972 ILLINI FOOTBALL
(Home games in CAPS)
Sept. 16—MICHIGAN STATE
Sept. 23—SOUTHERN CALIFORNIA
Sept. 30—At Washington
Oct. 7—Penn State
Oct. 14—At Ohio State
Oct. 21—MICHIGAN
Oct. 28—At Purdue
Nov. 4—At Northwestern
Nov. 11—INDIANA
Nov. 18—WISCONSIN
Nov. 25—At Iowa

1970-71 ILLINI BASKETBALL
(Home games in CAPS)
Dec. 1—BUTLER
Dec. 5—OKLAHOMA
Dec. 8—VANDERBILT
Dec. 12—At Iowa State
Dec. 14—Northern Michigan
Dec. 26-30—At Rainbow Classic in Honolulu, Hawaii (To play 3 games. Possible opponents: Villanova, NYU, St. Louis U., Michigan, Brigham Young, Hawaii, and an Armed Services team.)
Jan. 9—MICHIGAN STATE
Jan. 12—WISCONSIN
Jan. 16—At Michigan State
Jan. 29—Southern California at Chicago Stadium
Jan. 30—Notre Dame at Chicago Stadium
Feb. 2—At Iowa
Feb. 6—MINNESOTA
Feb. 13—At Ohio State
Feb. 14—PURDUE
Feb. 20—INDIANA
Feb. 23—At Wisconsin
Feb. 27—At Minnesota
Mar. 2—MICHIGAN
Mar. 6—At Purdue
Mar. 9—NORTHWESTERN
Mar. 13—At Indiana

IN SIGHT, IT MUST BE RIGHT
"We Protect Your Health"
Steak n Shake
U.S. Trademark Registered
When Traveling, We Invite You to Visit
STEAK n SHAKE
Bloomington, Ill.—2
Champaign, Ill.
Danville Drive-In—2
Decatur Drive-In—2
East Peoria Drive-In
Galesburg Drive-In
Normal Drive-In
Peoria, Ill.—3
Rockford, Ill.
Springfield, Ill.—2
Urbana, Ill.
Indianapolis, Ind.—7
Clearwater, Fla.
Daytona Beach, Fla.—3
Gainesville, Fla.
Lake Land, Fla.
Tampa, Fla.
St. Petersburg, Fla.
Orlando, Fla.—2
Winter Park, Fla.
St. Louis, Mo.
6622 Chippewa
4298 Chippewa
7350 Graves
1253 Hampton Ave.
9009 River View Blvd.
Afton, Mo.
Breckenridge Hills, Mo.
Bridgeton, Mo.
Berkeley, Mo.
Concord Village, Mo.
Florissant, Mo.
Jennings, Mo.
Kirkswood, Mo.
Lemay, Mo.
Pine Lawn, Mo.
Richmond Heights, Mo.
Rock Hill, Mo.—2
Springfield, Mo.—2
St. John, Mo.
University City, Mo.
Webster Groves, Mo.

Welcome!
TO
CHAMPAIGN-URBANA
HOME OF
THE FIGHTING ILLINI
(A GREAT TEAM)
Representing
THE UNIVERSITY OF ILLINOIS
(A GREAT UNIVERSITY)

Compliments of an ILLINI FRIEND
Serving as managers for the 1970 Fighting Illini are, left to right, kneeling: Steve Spencer, Galesburg sophomore; Rod Kittick, Chicago senior; Al Cohen, Chicago junior; standing: Mark Hogan, Wilmette sophomore; and Mike Morris, Lombard Junior.
GLASS
Bacon & Van Buskirk Glass Co. is the foremost glass distributor and glass installer in all Illini-land.
Shining and safe tempered glass in the new Stadium Pressbox—a Bacon & Van Buskirk installation.

Quietly attractive wire glass in the Assembly Hall—another B & VB installation.

When you need glass installed in your office, home, or your car, call Bacon & Van Buskirk Glass Co.

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BLOOMINGTON CHAMPAIGN

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Shop and Save with the "LOCAL BOYS!"

BRANDING IRON
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We Specialize in Prompt Service After the Game —

Be sure to try our Branding Iron Specials:
- Twin Lobster Tails
- Rib Eye Steak

AND NEW THIS YEAR —
our tantalizing-
- New York Strip (a KINGSIZE 14-oz.)

(Two Dining Rooms Open at 3:30 p.m.)

Also visit:
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at Urbana Bowl
Five Points — Urbana

Located at Western Bowl
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CHAMPAIGN
ONE OF THE FINEST student card sections in the nation is the University of Illinois Block "I". Twin Block "I" sections, one in the east main stands and the other in the west balcony, simultaneously provide colorful and exciting stunts and designs for Illinois football fans.

The Illini card section is the largest in the nation with 2,200 students taking part. The twin sections were inaugurated in 1954, becoming the first regular double cheering section in the nation.

The Illini card section began in 1924 and has provided outstanding entertainment ever since. The use of public address systems and walkie talkies help improve snap and precision of stunts.

The use of computers to properly identify and code the colored cards used in the various stunts was begun in 1969. Block I members volunteer their services and purchase Athletic Activity Cards to sit in the special sections.

CARDS AND CAPES are passed to the early arriving students and final instructions given.

ASSEMBLING the instructions carefully and correctly, left, and checking attendance, above, to be sure each seat is filled, help ensure a perfect performance.

FINAL PERFORMANCE, below, delights the fans, who often are not aware of the hours of volunteer labor expended to perfect the effort.

CINDY EVANS
Inst. Cards (E)

KAY KUHLMAN
Inst. Cards (W)

Cindy Evans
Inst. Cards (E)

KAY KUHLMAN
Inst. Cards (W)

MARGIE MASTERS
Adm. Asst.

CINDY EVANS
Inst. Cards (E)

PENNY CONRAD
Attendance (E)

MARGIE MASTERS
Adm. Asst.

PENNY CONRAD
Attendance (E)

MARGIE MASTERS
Adm. Asst.

CATHY GUSTAFSON
Capes (W)

DENNIS WARNECKE
Capes (E)

TOM HOFFMAN, senior in Architecture from Milwaukee, Wis., is Major Chairman for Block "I" this season.

Cathy Gustafson
Capes (W)

Dennis Warnecke
Capes (E)

DARYL BURNS
USA Director

RAY WESTON
Distribution (E)

JAY ADAMS
Distribution (W)

Rat Weston
Distribution (E)

CARDS AND CAPES are passed to the early arriving students and final instructions given.

PENNY CONRAD
Attendance (E)

MARGIE MASTERS
Adm. Asst.
BROTHERS COMPANY

General Contractors

CHAMPAIGN

The LaSalle Chicago
The Hotel of LaSalle Street
Chicago

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Beautiful rooms, excellent restaurants, meeting rooms for groups of 12 to 1,000. And a great LaSalle Street location. But it's the way we cater to you that makes your stay special. Next time stay at the LaSalle. Call us direct (312) 372-0700. We honor most major credit cards.

ILLINI and their worthy foes, when visiting Chicago stay at

Green Wave

JIM PITTMAN
Head Football Coach

Mike W. Walker
Ed Smith
Steve Thomas
Steve Barrios
O'Dell Marshall
John Buchanan
Joe Bullard
Mike Paulson
Maxie LeBlanc
Steve Thomas
Mike Farnell
Mike Paulson
JIM PITTMAN
Head Football Coach

Mike W. Walker
Ed Smith
Steve Thomas
Steve Barrios
O'Dell Marshall
John Buchanan
Joe Bullard
Mike Paulson
Maxie LeBlanc
Steve Thomas
Mike Farnell
Tulane Prof Rebuilds Surplus Computers

American taxpayers, who pay the bills for the nation's skyrocketing weapons system, will find their dollars constructively reinvested through the unique efforts of an electrical engineer at Tulane University.

Dr. Charles H. Beck has proposed that a large number of general purpose airborne computers, costing $234,000 each and no longer in use, be salvaged for research and education throughout the United States.

These computers from the nose cone section of Minuteman I missiles and related test equipment can be reutilized to affect a savings of more than a quarter of a billion dollars, Dr. Beck says.

Approximately 1,000 of these advanced computer systems are scheduled to be declared excess by the U. S. Air Force in the next four years, because of modernized equipment today.

The proposal of the Tulane engineer was accepted by the Air Force and a National Science Foundation grant is financing efforts to expand utilization of these computers in numerous fields of scientific study.

Compact computers taken from a missile environment are highly reliable general purpose digital computers which can be reused with some modification at minimal cost, Dr. Beck has discovered.

Missile functions of these computers included solving of guidance and steering equations, missile steering commands, staging and thrust termination, signals to the re-entry vehicle, and control of alignment, calibration and periodic testing of the entire system.

These computers, designed for a specific rocket application, can now play a major role in other areas as well. Not only can the Air Force reuse them for new projects and data acquisition but medicine, for example, can use them to automate laboratory instrument control, data processing, and automated control of experimental testing.

And in education fields, says Dr. Beck, they may serve as training devices in digital systems and programming for engineering programs, for automated control of behavioral testing in psychology research, or in automated laboratory experiments in chemistry or physics.

"In today's educational environment," says Dr. Beck, "computers are expensive. But use of these excess computers gives researchers opportunity to work on realistic projects in a man-machine interaction. And tedious laboratory calculations, when computerized, release students to more interesting tasks and greater utilization of their skill and knowledge.

"In the field of medicine automated tests and analyses can be reliably identified by the computer. This not only decreases costs but increases efficiency of physicians who can direct their attention to major challenges of health, allowing the computer to analyze the possibly more than 90 per cent of normal tests."

Future defense planning will include the concept of reutilization, Dr. Beck believes. And original computers will be designed to include a follow-up for use in solving such problems as health care, education, urbanization and pollution.

Taxpayer's dollars go farther with such a concept, says Dr. Beck who observes "since 1966 the Titan I Athena Computer has operated in the Tulane Systems Laboratory with no failure of any sort. So why throw the Minuteman I Computer away?"

"Universities and government are now cooperating in reutilizing these scientific tools for potential benefit relevant to the needs of the entire nation."

Dr. Charles H. Beck, professor of electrical engineering at Tulane University and initiator of a national plan to reutilize excess general airborne computers for research and education, is pictured with a panel board from a computer from the nose cone section of a Minuteman I Missile.
# SUMMARY OF PENALTIES

(Includes Only Most Common Penalties)

**LOSS OF DOWN**—Forward pass illegally touched • *Illegal forward pass by offense • **Offensive pass interference

**LOSS OF 5 YARDS**—Delay of game • Exceeding 25-second count • Excess time out • Failure to pause full second in shift • False start • Free kick out of bounds • Illegal forward pass • Infraction of substitution rules • Interference with opponents or ball preceding snap • Offense illegally in motion at snap • Offside • Snapper's position and ball adjustment • Taking more than 2 steps after fair catch • Infraction of scrimmage formation

**LOSS OF 15 YARDS**—Delay of game at start of half • Butting with helmet or head • Clipping • Defense disconcerting signals • Failure to return ball to official after score • Grasping face mask of opponent • Illegal use of hands • Ineligible receiver downfield • Piling on • Roughing the kicker or holder • Tackling or blocking fair catcher • Tackling out of bounds after ball is dead • Unsportsmanlike conduct (non-contact foul) • Unnecessary roughness (kicking, kneeling, tripping, etc.)

**LOSS OF HALF DISTANCE TO GOAL LINE**—If penalty exceeds half the distance to goal

**OFFENSE FIRST DOWN ON 1-YARD LINE**—Defensive pass interference in end zone • Defensive foul behind goal line on running play

**PLAYER DISQUALIFIED**—Striking with a fist, extended forearm, elbow or locked hands • Flagrant player fouls

*Plus 5 yards
**Plus 15 yards

**OFFENDED TEAM'S BALL AT SPOT OF FOUL**—Defensive pass interference • Illegally batting or kicking free ball • Player fouls when ball is free

**VIOLATION, BUT NO PENALTY** (Does not offset penalty by opponent)—First touching of free kick by kicking team before ball travels 10 yards • First touching of scrimmage kick by kicking team beyond the neutral zone

---

**COLLEGIATE COMMISSIONERS ASSOCIATION**

Early in 1939 five college football commissioners established an organization for the purpose of attacking mutual problems. From that small beginning has grown what is now the Collegiate Commissioners Association, its members the chief executive officers and their assistants from the eleven major college conferences from coast to coast. Representing nearly 300 institutions, they range in size from the seven-member Mid-American Conference to the mammoth 190-member Eastern College Athletic Conference.

The CCA's field of interest has broadened greatly since its inception, now encompassing not only football, but all sports on the collegiate program. The members as such give united attention not alone to officiating assignment and rules interpretation, but also to procedures on undergraduate athletic recruitment and eligibility and to the many other facets of intercollegiate sports administration.

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THIS PAGE COURTESY OF COLLEGIATE COMMISSIONERS ASSOCIATION
It's the economical way—the fun way—to get to just about everyone's favorite vacation city. It's a daytime trip mostly—and along the way you can enjoy the scenery with a wide-angle view from two dome coaches. Delicious budget priced meals are available in the diner-lounge car. You arrive in New Orleans at 1:05 AM, the time when the French Quarter and Bourbon Street are just swinging into high gear.

For full information call your IC Passenger Service Representative. He'll tell you, too, about certain excursion fares and mid-week economy fares that you might be able to take advantage of.

Just remember New Orleans is your kind of city—and the City of New Orleans is your kind of train.
FIRST AID ROOMS—Located under east and west center main stands. Consult usher.

LOST AND FOUND—Inquire at Information Booth under center main stands.

REFRESHMENT BOOTHS—Located under main stands, in center balconies at colonnade level, and in southeast and southwest towers.

REST ROOMS—Located under east and west main stands, under south stands, and at colonnade level of east and west balconies.

SERVICE TO PHYSICIANS—Out-of-town physicians anticipating emergency calls should contact ticket office under center east main stand.

PAY TELEPHONES—Located outside gates and under east and west main stands.

PUBLIC ADDRESS ANNOUNCEMENTS—Only emergency announcements will be made. Go to ticket office under center east main stands.

ALCOHOLIC BEVERAGES—Prohibited by city ordinance. Please report disorderly conduct to policeman or usher.

CAMERAS, RADIOS—Prohibited, along with noise makers, banners and signs.

USHERS—Report number of inattentive, discourteous, or uncivil ushers to Business Manager, 113 Assembly Hall, Champaign, Ill. 61820.

Security and Service

For ILLINI of the Past Present and Future

FROM THESE TWIN CITY BANKS

Busey First National Bank
Champaign County Bank & Trust Co.

Champaign National Bank
Commercial Bank of Champaign
First National Bank in Champaign

These Twin City Banks Operate under the Federal Deposit Insurance Corporation and each depositor is insured up to $20,000.
You've got a lot to live

Pepsi's got a lot to give

Things are getting better. People are learning to live every day to the fullest. Pepsi-Cola belongs in this kind of world. Enjoy it. You've got a lot to live.
Get a status symbol that carries some weight.

The time is past when people thought of a truck as strictly a workhorse. In fact, Chevy pickups are being used for so many personal and leisure time activities that they've become a kind of symbol for a new life-style.

It's easy to see why. Our pickups combine the luxury and utility today's on-the-go generation wants. You can order such conveniences as an automatic transmission, power steering and power brakes.

Even air conditioning, bucket seats and carpeting.

And with it all you get the practicality of a "trunk" up to 8½ feet long. Try that out for size on your next shopping trip. Or vacation trip. Or football outing.

The man to see is your Chevrolet dealer. He'll show you more reasons why Chevy pickups are so popular.

Putting you first, keeps us first.