



20 Sep 1979

The Missouri Miner, September 20, 1979

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Missouri Miner

Official Publication of the Students of

University of Missouri-Rolla

Thursday, September 20, 1979

Volume 68, Number 5



Twenty-Four Pages

UM Faces Discrimination Decision

By DAVID HAGELIN
State Capital Bureau

JEFFERSON CITY — The University system and seven other public colleges and universities in Missouri are awaiting word from Washington, D.C., on whether their programs violate the Civil Rights Act of 1964.

of federal financial aid cannot discriminate on the basis of race, color or national origin in their programs.

Missouri is one of eight states whose systems are being reviewed by the Department of Health, Education and Welfare because the states operated separate schools for black and white students before the U.S. Supreme Court outlawed segregation in 1954.

Bruce Robertson, state commissioner of higher education, said he doubts HEW will request the state to make any significant changes in its educational system to comply with the law.

Robertson said, "Areas that maybe will have to be dealt with are staff and faculty recruitment of blacks, and student areas," such as retention of black students.

"Missouri's main interest is in addressing a discrimination problem — if there is a problem," Robertson said.

Missouri has desegregated

"rather readily," he said. "Most blacks are educated at institutions that were traditionally white. We don't have the imbalance of black to white students at our schools that the South has."

HEW's regional Office of Civil Rights in Kansas City sent investigative teams to the state's institutions last winter and spring, said Loretta Elliott, director of research and planning for the Department of Higher Education.

The teams looked at student recruitment practices, admissions procedures, financial aid programs, counseling and tutoring, remedial programs, faculty and staff employment procedures and academic and athletic programs generally, Mrs. Elliott said.

She said she is not sure what guidelines HEW will provide for Missouri or the other states currently under review if they are found in violation of the 1964 law.

had dual systems of education in the late 1960s according to enrollment statistics, were reviewed as a result of a lawsuit filed against HEW by the NAACP in 1970. The states had to submit statewide plans for desegregation of higher education within a specific period of time. So far, five of them have submitted acceptable plans.



UPE's Computer Science Career Day

Tomorrow, Friday, September 21, Upsilon Pi Epsilon will sponsor a "Career Day." To the right is a schedule of the companies that will be participating in this event. All of the presentations will be held in rooms on the second floor of the Math-Computer Science Building.

Twenty companies are involved in this event with each one presenting three half-hour sessions during the day. These presentations will include several of the giants of the data processing field: IBM, McAuto, Bell Labs, CDC and Burroughs.

Room in M-CS Building

Time	202	203	205	207	216	327
9:00	Hallmark	CDC		Deere	Hughes Air	
9:30	Hallmark	CDC	Burroughs	Deere	Hughes Air	Ford
10:00	St Oil-CA	Phillips	Monsanto	Bell Labs	SW Bell	IBM
10:30	St Oil-CA	Phillips	CIA	Bell Labs	SW Bell	GM
11:00	Conoco	Int Harv	CIA	BF Goodrich	McAuto	GM
11:30		GE	CIA			GM
12:00 - 1:00	LUNCH					
1:00	St Oil-CA	Phillips	Burroughs	Bell Labs	Hughes Air	Ford
1:30	Hallmark	CDC	Burroughs	Deere	SW Bell	Ford
2:00	Conoco	Int Harv	Monsanto	BF Goodrich	McAuto	IBM
2:30	Conoco	Int Harv	Monsanto	BF Goodrich	McAuto	IBM
3:00		GE				
3:30		GE				

Activities

THURSDAY

ETA KAPPA NU

There will be a Smoker for all prospective pledges Thursday, Sept. 20 at 7:00 in Room 104EE. Dress is semi-formal.
There will be a general business mt. before the Smoker, for all actives, in Room 105EE at 6:30 p.m.

GDI MEETING

GDI is having a General Membership Meeting Thurs., Sept. 20, in the C.E. Auditorium, room 144 at 7:00 p.m. Memberships will be sold, and reservations for the Sept. 29 float trip will be taken.

M-CLUB

The M-Club will meet at its bi-weekly meeting Thursday, Sept. 20 at 7:00 in Room 121 ME. Membership dues at \$2.00 will be collected. Refreshments will be served.

FRIDAY

UPE SPONSORING "CAREER DAY"

The computer science honorary, Upsilon Pi Epsilon is sponsoring a "Career Day" on Friday, September 21 from 9 a.m. to 4 p.m. Twenty companies will be participating. Each company has three half-hour sessions in which to give presentations on their company, its computerized activities and needs. In addition to the presentation all of the companies will have booths set up in the St. Pat's Ballroom. All computer science majors are encouraged to attend these sessions or drop by St. Pat's in order to gain information from companies without the atmosphere of an interview.

On Thursday, Sept. 20 UPE members and the computer science faculty are invited to an informal gathering with the companies representatives. This will be held at the St. Pat's ballroom from 8 p.m. to 10 p.m.

GDIDANCE

GDI will be having a dance Fri., Sept. 21, starting at 9:00 at the Lions Club Den. Your favorite beverage will be available.

SUNDAY

PORK STEAK BBQ

Sunday, September 23, TKE will sponsor a pork steak barbeque on the patio at 1107 State St. next door to Campus Police. For three bucks you get a steak, potato salad, pork and beans, and bread and butter. Served from 3:30-7:00 p.m.

SEPTEMBERFEST Tomorrow 2:00 - 6:00 p.m. Lion's Club Park

Shuttle Bus will run from the Student Union
every half hour from 1:30

Live Music: "Rodd Hogg"

Frisbee Contest

Missouri Miner

The MISSOURI MINER is the official publication of the students of the University of Missouri at Rolla. It is published weekly at Rolla, Missouri. The MISSOURI MINER features activities of the students and faculty of UMR.

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Subscriptions are available to the general readership at a rate of \$6 per semester.

Articles and photos for publication in the Miner must be in by 9 p.m. on Monday before printing on Thursday.

THE MISSOURI MINER
T-1
University of Missouri-Rolla
Rolla, Mo. 65401

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15TH
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TUESDAY

S.M.E.

The Society of Mining Engineers will have a meeting Tue., Sept. 25, at 7:30 p.m. Room 107, Mining Building. The speaker will be Ralph Dawson of Dupont Explosives Division.

CHI EPSILON

On Tuesday, September 25 at 4:30 p.m. in room 117 of the Civil Engineering Building, Chi Epsilon, National Civil Engineering Honor Fraternity, will have a general membership meeting. All members and pledges are urged to attend.

S.W.E.

The Society of Women Engineers will meet at 6:15 p.m., Tuesday, September 25, in the Mark Twain Room of the University Center East. Resumes are due at this time. The meeting will include a campus speaker, new memberships, group work, and refreshments.

PSI CHI

The UMR Chapter of Psi Chi, the National Honor Society for Psychology, invites YOU to come to a short meeting on Tuesday, Sept. 25, 6:30 p.m. in Room G-7, H-SS Building. An invitation is also extended to the psychology faculty. All members please come. Refreshments will be served.

WEDNESDAY

ASME

The American Society of Mechanical Engineers will hold a meeting at 7:00 p.m. Wednesday, September 26. The guest speaker will be Mr. Tim Tierney from Climate Engineering Corporation in St. Louis, Missouri. The topic of discussion will be on "How to Conserve Energy and Dollars". The meeting will be held in room 104 of the Mechanical Engineering building. Everyone is invited and refreshments will be served after the meeting.

A.S.C.E.

On Wednesday, September 26 at 7:00 p.m. in room 114 of the Civil Engineering Building, the American Society of Civil Engineers will have a meeting. The guest speaker will be Mr. Robert F. Wich who will be speaking on the Clarence Cannon Dam site. Refreshments will be served after the meeting, and a door prize will be given away. Memberships are still available and can be obtained at the meeting. Everyone is invited to attend.

APOMEEETING

The next regular meeting of Alpha Phi Omega will be on Wednesday, September 26, 1979, at 7:00 p.m. in the Mark Twain Room.

NODAY

THETA TAU INTERVIEWS

The Professional Engineering fraternity Theta Tau Omega is now accepting applications for interviews into the organization. Students who wish to apply must be in an engineering curriculum and have a minimum of 50 credit hours. Applications are behind the Candy Counter and are due by Noon on Tuesday, Sept. 25. Interviews are Wednesday, Sept. 26.

NEED MONEY?

Any campus organization that is unable to support itself or is needing money to get started is eligible for financial assistance from the Student Council. Applications may be obtained now through September 21 at the Student Council office, Room 202, Old Student Union.

UPTOWN

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EVENING: 7:15 & 9:00
MATINEE: Sat., Sun. 3:00

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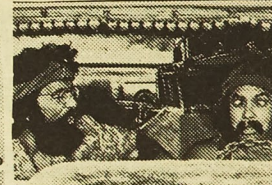
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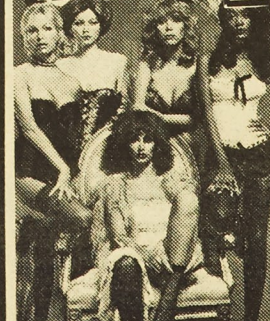
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News

Growing Concern

Student Loans Delinquent

By Campus Digest New Service

Delinquent student loans are the cause of growing concern in Washington D.C.

More and more college students are refusing to pay back government loans borrowed to attend college. These defaults have resulted in the loss of millions of dollars for government programs. One program figures 800,000 defaults involving \$700 million.

Officials are starting to crack down on non-payers despite angry parents and student groups. Deputy U.S. com-

missioner of education Leo L. Kornfeld, intends to make the default rate drop during the Carter Administration.

"President Carter has said the default rate will drop during his administration, and we'll make it drop," insists Kornfeld.

Private collection agencies have been hired by the Department of Health, Education, and Welfare to track down non-payers and the delinquent college-loan students.

HEW is also threatening to cut federal aid to some colleges if the schools don't improve their system for cutting

defaults.

Individual states are putting on the heat with telephone calls to the former students and parents; through lawsuits; and by withholding part of the borrower's pay if the former student is a state employee. The Oregon legislature has even authorized withholding rebates on rent and on refunds on state income taxes.

Officials on state and national levels insist that all this trouble is paying off and the state of New Jersey is sure of it. Last fall, when the state made public the names and addresses of 582

defaulters, they were swarmed with telephone calls from embarrassed parents and students. Some former students even called in to promise quick payment if their names would be withheld.

Of course all this publicity is causing a lot of dissent among some student groups which claim the government has no business to "hound" graduates just starting jobs. They reason that most borrowers do pay back their loans and that the government is being unjust to give former students a bad time.

New Law Affects Standard Tests

Campus Digest News Service

How would you like to receive graded results of any standardized admissions test that you have taken? From Jan. 1, students in New York who take such tests would be able to request copies of their correct-answer sheets and their graded results.

These are stipulations of a bill, signed by New York's Gov. Hugh Carey, which would open college entrance examinations to public scrutiny. The law requires colleges to file all tests and correct-answer sheets with the State Commissioner of Education within 30 days after the results are released. Public record would also be kept of all background reports and statistical data of the tests.

The laws' national impact is still unclear, but already administrators of the New Medical College Admission Test (M.C.A.T.) and the Dental Admission Testing Program announced in July that their tests would not be given in New York after Jan. 1. This decision would affect about 5,000 prospective medical students and 1,000 prospective dental students who each year write the test in New York.

Steve Solomon, coordinator of the truth-in-testing campaign for the New York Public Interest Research Group, believes that a nationwide movement will follow New York's example. Already, Indiana, Maryland and Texas are thinking of passing similar laws. In California, legislation allows the public to see test samples similar to given tests but does not require the publication tests and answers after the tests are given.

"The fact that so many states are considering legislation indicates that many students and parents are concerned about the lack of information," said Solomon.

Gov. Carey said, when he signed the bill, "It must be emphasized that all examinations of this type are imprecise and open to potential misinterpretation and misuse. Despite the caveats of test developers and administrators, a temptation remains to rely too heavily on test results as the sole determinant of acceptance. Further public discussion of the uses and abuses of testing seems highly desirable. This bill will provide an opportunity for this to occur in a reasoned and intelligent fashion."

Solomon said, "Students have the basic right to review the criteria which are being used to evaluate their ability. The law will enable students to see which questions they got wrong, to check their areas of weakness and learn from their mistakes."

"In addition, it will help them to notice scoring mistakes by disclosing their answers along with the correct answers."

Solomon believes that the quality of tests will improve with public scrutiny of testing procedures.

He said that independent scrutiny is important since there can be disagreement about the right answer. "For instance, in one case, where questions were released in 1973 after a multi-bar examination, law professors were found to disagree on 25 percent of the correct answers."

But such scrutiny "will lead to greater misunderstanding and misinterpretation of test results" said Richard Ferguson, vice-president for research and development at the American College Testing Program.

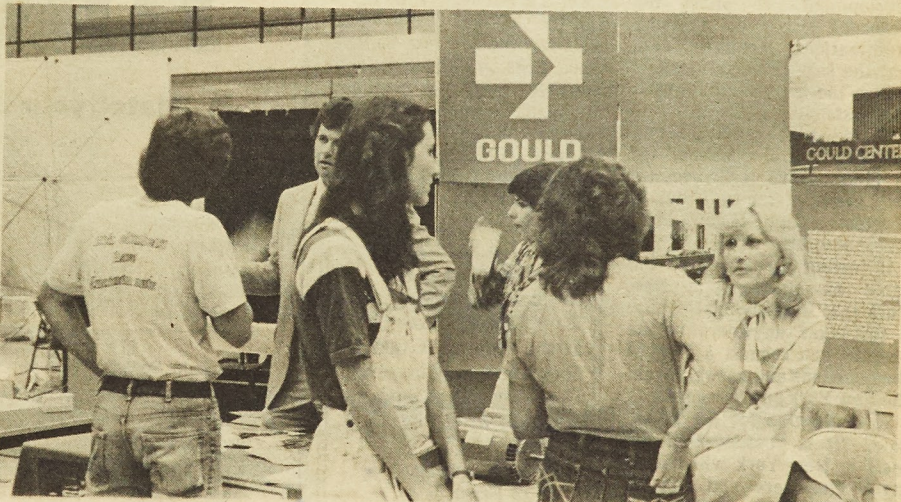
Some officials fear, too, that the law would make it difficult to maintain high standards in testing. John A.D. Dooper, president of the Association of American Medical Colleges said, "There is a limit to the number of relevant questions that can be used in the M.C.A.T."

President of the American Dental Association, Joseph P. Cappuccio, agreed with Cooper. He said, "It would be nearly impossible to develop new test each time, particularly in the perceptual test area which assesses a student's ability to perform fine manual work."

"It is not easy to write a good test. They can't be slapped together," said Robert Moulthrop, director of the information division of the Educational Testing Service, the country's largest testing organization which lobbied heavily against the New York bill.

Moulthrop believes that developing new tests for each administration would escalate the cost of testing fees. Solomon said E.T.S. could absorb the additional expense within its 22-to-26 percent profit margin but Moulthrop replied that the service's profit margin is actually lower and would not absorb the cost of developing new tests.

(Continued on pg. 4)



On Tuesday, September 18, Missouri Industry Day was held at UMR's Multi-Purpose Building. Over 60 companies which do business in the state of Missouri participated in this annual event. Many companies which attended had elaborate displays which demonstrated their products and services, and indicated the employment opportunities they offer.

(Photos by Farley, Schaeffer)

Econ Electives Cover Practical Analysis

By KAREN DOWNER

Do you read "The Wall Street Journal"? Do you understand the principle of supply and demand? Do you know what causes inflation? Do you want to know how to use money wisely?

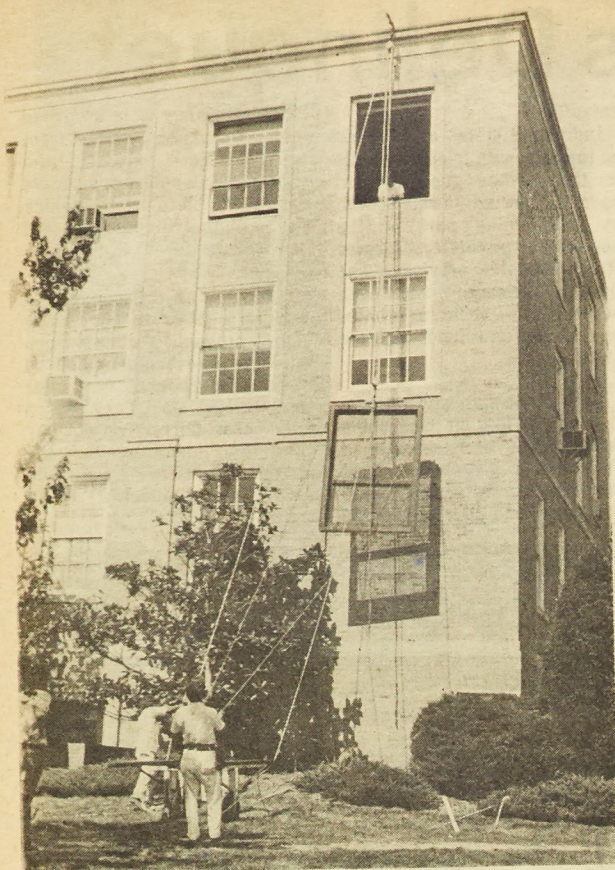
If you answered no to the first three questions, but yes to the last, you need to register for an Economics class. Even if you took the required introductory class already, you may still benefit from some upper-level courses. According to William Desvousges, if you don't really understand economic's principles, you should put them to use in a practical class that is geared to engineering students, and you'll benefit from the

different perspective.

The Economics department offers as electives: Energy Economics, Environment Economics, Mineral Economics, Government and Business, and Institutional Problems. While these are upper-level, the only prerequisite is a "Principles of Economics" course. A new course will be offered in the spring semester: Cost-Benefit Analysis. These are courses that consider economics concepts with emphasis on the problems of engineering and society: Going beyond just monetary cost. An example would be the proposed Meramec Dam Project that brought up such questions as

the value of recreation versus the value of the natural wildlife area.

A technical minor is available to any student who takes 15 hours of Economics. This would be a great asset to anyone in the engineering program. Another minor is in the planning stages; one that is geared toward students who wish to earn their Master of Business Administration degree. Already, the two intermediate macro-micro economics courses are accepted for graduate credit at many other universities. Desvousges stated that a M.B.A. is "almost a requirement now" to reach a management position.



New windows are being installed in the Chemistry building as a part of the renovation of the building. The \$875,000 appropriation also includes new plumbing.

(Photo by Schaeffer)

(Cont. from pg. 3)

An E.T.S. study shows that about 5 percent of the test-taker's fee pays for test development. To offset the increased cost of revising examinations, Moulthrop said that the service would have to reduce the amount of times it administers tests.

He added that the E.T.S. can currently re-use questions for as much as 20 tests because they are kept secure. "But 20 new tests a year — I don't think that is possible," he said.

If testing services give the same examinations in New York that they give nationally, a test-taker anywhere in the country can request a copy of the questions and answers from the New York public records.

A spokesman for the E.T.S. said, "It is possible that the tests in New York will not be given elsewhere and will be equated differently."

Still, the American College Testing Program, among other

examination services, is now debating whether it should just restrict, or offer no tests at all in New York.

Tests given by both the E.T.S. and the A.C.T.P. would be affected by the new law. Some of those tests are the Scholastic Aptitude Test, the Graduate Record Examination, the Law School Admission Test, the Medical College Admission Test, and the Dental Admission Testing Program.

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College Student Eligible For SMP Program

College students can now be members of the Army National Guard of the Army Reserve, enroll in military science and be paid for both. The simultaneous membership program (SMP) recently approved by the Department of the Army is a voluntary officer training program that permits eligible enlisted personnel assigned to a unit of the Army National Guard (ARNG) or US Army Reserve (USAR) to enter the advanced course of the Army ROTC Program. Participants in this program will attend the monthly meetings of their USAR or ARNG units as officer trainees, and be paid in the grade and years of service attained, but not less than the grade of E-5. Participants will also receive ROTC training for which they will be paid a subsistence allowance or \$100 per

month for up to 20 months. On completion of the ROTC program, SMP participants will be commissioned in the USAR and assigned to either a USAR or ARNGUS unit pending graduation from college. Upon graduation these officers will be considered for regular army appointment or call to active

duty for a three year period.

Persons interested in or desiring more information about this program should contact their nearest army National Guard or Army Reserve unit or the Professor of Military Science at the University of Missouri-Rolla. (314) 341-4741 or 4744.



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Major Technologies

Seismic Data Collection, Processing and Interpretation. This organization is the world leader in the search for oil. Seismic services (both land and marine) include three-dimensional (3D) geophysical data gathering and processing, an important new approach in delineating petroleum-bearing formations, pioneered by TI.

Ecological-Environmental Services. This operation conducts studies designed to evaluate and improve our environment. Programs range from infrared "mapping" of heat loss from homes on a state-wide basis to studies of the ecological impact of power generation on the Hudson River.

Interviewing on Campus

September 27

If unable to interview at this time, send resume to: College Relations Administrator/P. O. Box 225621/M.S. 3948/Dallas, Texas 75265.



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Season tickets are available to the campus community and the general public. One ticket includes all four events.

The series includes:

Oct. 1 — CANADIAN BRASS...Monday, 8 p.m., Centennial Hall. An outstanding quintet of classically-trained musicians (two trumpets, French horn, trombone, and tuba) whose repertoire ranges from Bach, Handel, Purcell, Vivaldi and Debussy to Jelly Roll Morton, Scott Joplin, Fats Waller, Lukas Foss, John Bechwith and Peter Schickele. Introducing a non-traditional, informal performance style, the group has musically entertained and amused audiences in Canada, the United States, Europe, the Soviet Union and China (the first Western musical ensemble to perform there in recent years) since 1970.

Nov. 15 — TASHI...Thursday, 8 p.m. Centennial Hall. TASHI (Tibetan for good fortune) provides a program for clarinet and string quartet. The group, which had its debut in 1973, includes three permanent members — clarinetist, violinist and cellist, and will be joined this year by guest artist on the violin and viola. In addition to the major quintets for clarinet and strings, the group's unusually varied program generally includes duos, string trios, and string quartets.

Feb. 11 — ORPHEUS...Monday, 8 p.m., Centennial Hall. ORPHEUS is a chamber ensemble of 26 self-governing musicians who perform without a conductor. Each musician is fully responsible for his or her own artistic contribution and spends an uncommon amount of time rehearsing. This democratic effort — extending from choice of repertoire to writing program notes — results in a

Tobacco Spotlight

Chewing tobacco is catching on with America's young men.

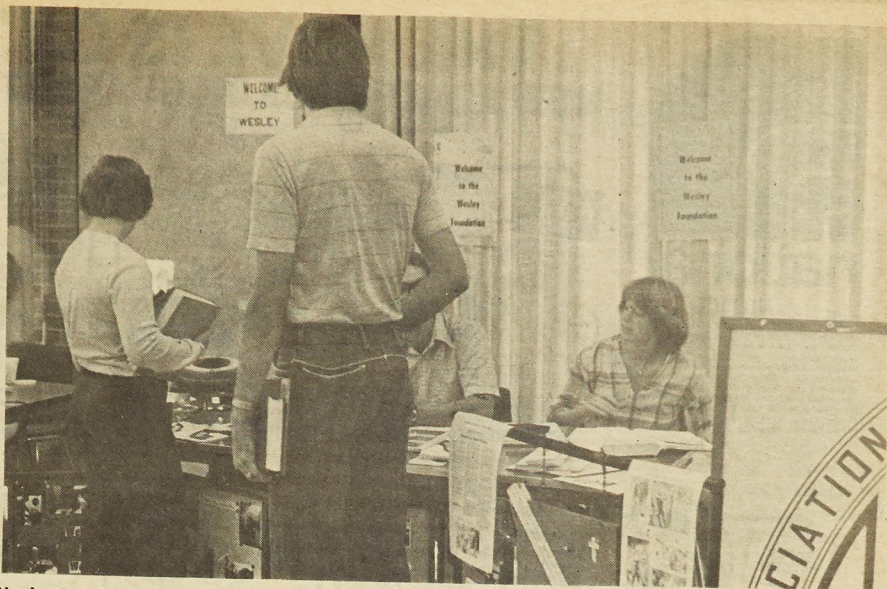
More and more college men are chewing tobacco these days and the tobacco industry is pulling in the profits. Sales have gone up about 11 percent each year since 1974, and the industry processed 92.3 million pounds in 1978 setting a 30 year record.

Most of those who chew think the increase is due to the new knowledge of how smoking can damage a person's health. So far there has been no conclusive evidence that chewing tobacco is harmful.

spirited and distinctive sound.

May 1 — TEXAS OPERA THEATER...Thursday, 8 p.m., Bullman Multi-Purpose Building. Texas Opera Theater is a touring company of the Houston Grand Opera. It will perform "Madam Butterfly" in English, fully staged and costumed, with piano accompaniment.

Season ticket costs are \$8 each for students and retirees and \$16 each for faculty, staff and general public. Season tickets may be obtained by sending check and self-addressed stamped envelope to Music Office, G-9 Harris Hall, University of Missouri-Rolla, Rolla, Mo. 65401.



Students visit the Wesley booth at the Campus Showcase held last Thursday in the St. Pat's Ballroom. All UMR organizations having open membership were invited to exhibit information on their activities.

(Photo by Schaeffer)



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 Limit One Other Expires Mon. Sept. 24, 1979. Limit One Coupon Per Family.

The Miners Takes A Look

Features

At The Bapbtist Student Union

By STEPHEN FREEMAN

How many times have you wondered. "Gee, I wonder where the Baptist student is?" None? Well let me rephrase the question. How many times have you thought, "I'd like to meet some people in Rolla who don't spend their spare time contemplating Avagadro's Number and related concepts?" If you answered the second question with a 'yes', or something close, then the Baptist Student Union may be for you.

The BSU (that's what the "in" crowd calls it) is located at 506 West Tenth Street. About 30-40 people are actively involved there. The BSU is sponsored by the Southern Baptist Convention, but students of all denominations are welcome, according to spokesman John Rosebrook.

Each week there is a series of meetings and events at the BSU. A group share time is held each Monday and Thursday

evening at 6:30 p.m. Main activities there include singing and devotionals. On Tuesday nights members of the BSU hold practices for a musical, entitled "First Love." The groups plans to perform this play at churches and schools in the area. A Bible Study is held each Wednesday at 6:00 p.m.

Throughout the year, the BSU sponsors and supports various other activities and events. Occasionally, students will go on "mission trips." These trips are designed to help struggling churches get started, throughout the United States. During the Spring of last year, several students went to Edgemont, S.D., to help build a church.

The students also go on weekend trips to other churches in the area. The students perform the services at the church they are visiting. A weekend trip to a church in Illinois is being planned for November.

The BSU also sponsors coffee houses during the year, to give

the students a chance to relax and socialize.

According to Rosebrook, a "workday" is also being planned. This workday would involve membes of the community hiring students to do jobs for them. The money earned would be used to help pay for a student to be sent to another state or to a foreign country on a mission.

The BSU, though not always successful, is yet active in the intramural sports program, at UMR. They have represen-

tatives on the football, golf, volleyball, tennis, and racquetball teams.

Emphasis at the Baptist Student Union is on the relationship from student to student and from student to God. The BSU also is emphasized as a place where the student can feel wanted.

Said Rosebrook, "We have a very close and open group. We invite anyone to drop by so that they can get to know us."

Eunice French,
Assistent Director For
International Programs
and Studies

Eunice French comes from Cajun country in Louisiana and her facility with languages (she grew up speaking English and French — the Cajun variety) is a great help in her job as assistant director of UMR's Center for International Programs and Studies (CIPAS).

She has worked at UMR since 1967, beginning as a secretary-stenographer in the social sciences program. She then spent almost a year in engineering management before becoming senior secretary in electrical engineering, a job which she held from 1969 to 1975. Her next move was to CIPAS where she worked as an administrative assistant before being promoted to administrative associate and her present position in May of this year.

CIPAS is the campus organization that helps establish UMR academic programs — mostly in engineering — for international students not enrolled at UMR. Financed by grants from governmental agencies (both U.S. and foreign), CIPAS sends UMR faculty to other countries to set up and teach courses. In some instances the center even brings foreign students to UMR for special programs.

CIPAS had its beginning when UMR was helping develop an engineering program for students in South Vietnam. In the past few years, UMR professors have been sent to Brazil, Ecuador and Algeria. "The latest program we are working on is one that will begin here on the Rolla campus this fall," French explains. "Through the language section of the humanities department we will be setting up an intensive course for international students in English as a foreign language. These students will spend all day, every day for two semesters developing their English skills. They need to pass an English test, which enables them to enroll in colleges and universities throughout the United States."

Outside Activities

French's major activity — besides her family, work and classes — is membership in the Missouri chapter of Partners of the Americas. The organization encourages a cooperative relationship with Missouri's sister state, Para, in

Brazil. There are about 41 individuals in Missouri who are members of Partners of the Americas and most of them are connected with educational institutions and the arts. French's first contact with the group was through her work on UMR programs involving Brazil. She recently was elected to a two-year term as president of the organization.

"We are trying to develop mutual exchange programs with Para in technical, medical, sports and cultural areas," she explains. "This year we plan to encourage more involvement by industrial and business organizations."

With the international outlook and enthusiasm she has developed through CIPAS, she'll get the job done.

Travels, Too

Part of French's duties include assisting in the development of the courses UMR offers in foreign countries. Last year she spent two weeks in Brazil helping to set up a program with various South American and Brazilian institutions. The trip also include visits to Belem, Brasilia, Rio de Janeiro, Belo Horizonte, Recife and Natal. She will be returning to Brazil in October.

French's job also requires her to be an unofficial travel agent, making sure that travel arrangements are made and all legal details are in order for the UMR faculty members who administer CIPAS programs in other countries. Calls to the State Department and foreign embassies have become routine for her, and she keeps an extensive file of airline schedules.

The Frenches' oldest, Steven, 21, is assistant to the manager at the Holiday Inn, where he had worked, off and on, since he was 14. Daughter, Julia, 20, is now Mrs. Gary Burns and works as a nurse's aid at Phelps County Hospital. "Julia's going to have a baby next spring," Eunice announces, "and I find the thought of being a grandmother is exciting. I'm sewing little things like crazy."

The French family, however, still is her number-one priority. "We came to Rolla in 1958 because of Jerry's job," she explains. Her husband, Jerry, works for the U.S. Geological Survey. "All four of the children were raised here and two of them are still at home."



Groundwaves

Hi friends and neighbors!

If six was nine, and the sky was crying, while you walked on a long and winding road with Layla (or was it Lola?) and her cruel sister, who was breeding a dwarf, would that then be a sin, father?

Perhaps you should beware, brother, beware of mountains that come out of the sky, crushing the Lincoln, requiring the fixing of holes on a hot summer day after your usual breakfast of Post Toastees with one bourbon, one scotch and one beer to cure having had too much to dream the night before (Mama told you not to go, cause Eli's going) and feeling so downhearted cause you got tied to the whipping post on a stormy Monday. I guess you musta done somebody wrong, huh? Don't let it get you down by the river I shot my baby I'm

amazed at the way I've got them ol' cosmic wheels of fire on the rock candy baby, hard, sweet and oozing out from your belly button window across the universe within you, without a souped-up Ford on the open road to castles burning. Catch my drift?

The subject: Toothbrush secrets with the Captain and Toenail.

The featured albums and programs:

SUNDAY: at 7:00 on Blues For Rolla, "After the Rain" by Muddy Waters, with Dr. Deranged

MONDAY: at 6:15 following the news, "J.J. Cale" with Two-sheds at 9:00 on the New Wave show, "The Jam" with Randy

MONDAY: at midnite on The Rolling Bozo Revue Presents, "Like Children" by Jan Hammer & Jerry Goodman, with J.R.

WEDNESDAY: at 4:00 on the Bluegrass Variety Show, "Barren County" by The New Grass Revival, with Unkl Dave

WEDNESDAY: at midnite, a requested album side with Kirby, go ahead...call him up!

THURSDAY: at midnite on Improvisations, "The Joy of Flying", by Tony Williams, with Dave Strahorn

Change your shorts, change your life...change into a nine-year old Hindu boy and get rid of your wife! Prizes! Prizes! Prizes! Jackpot! Jackpot! Jackpot! The grandfalloon tuned with a croon, blew up a balloon, and at a time opportune, said:

Stay alive with the jive that drives, not only will it cure your blues, but it'll bring a dead radio to life, turn up the volume if you're somehow unimpressed and do you think that sex?

WARD SILVER



Spotlight... on Tami Richardson

By LANDACE THOMPSON

The challenge of attending a school geared toward engineering and the sciences was a chief reason Tami Richardson enrolled at UMR. Though she is a physical education major, Tami believes that she can receive more help here in Rolla. Tami decided on physical education as her major because she is basically a tomboy. "I grew up playing sports, and love outdoor sports the best."

The challenge posed by the academic reputation of UMR was not Tami's only reason for her choice. According to Tami, "UMR has a definitely better social life than the one I went to in Washington, D.C. The kids here involve the community in a lot of their activities."

Tami herself is on the outdoor recreation committee of the Student Union. While attending classes here part time, Tami receives great cooperation from her teachers and other students in class. One of her biggest problems is sitting in on a discussion group. Because she only has about five percent of her hearing left, she must lip read. "It is very difficult to catch and understand everything everyone says. It's also hard to take notes. Because I have to look at the instructor and then write. Some of the other studenty take notes for me though, and in one of my classes, the instructor types notes on her lecture for me."

Tami also spends time promoting programs for the deaf. She would like to see the fraternities and sororities perform more service projects for deaf people in the Rolla community. This past summer,

Tami taught a class in sign language to area residents. She is presently involved in a project to bring a dance group, all of whose members are partially or totally deaf, to Rolla to perform.

Tami is only enrolled part time at UMR. Though she says, "If this semester goes well, I am planning to go full time in the spring." This semester seems to be agreeing with her. She just might stay awhile.

shortstuff

Computer Courses On The Up

With the growing use of computers in the business world, more and more business schools are requiring computer courses. Spiridellis and Associates of New York made a survey of 15 leading business schools, nine of which required its students to take a computer course and several of which recommended them.

Everett Keech of the University of Pennsylvania's Wharton School says, "We feel it's absolutely critical that our MBA's be able to demonstrate a working knowledge of advanced computer programming."

Drinking Age Being Raised

In the growing concern that teenagers shouldn't be allowed to drink at 18, more and more states are raising their legal drinking ages.

In 1971 when the passage of the 26th Amendment gave 18 years old the right to vote, most states lowered the legal drinking age also. But with the rise of teenage alcoholism, concerned parents, educators and legislatures are taking time to reconsider.

The National Highway Traffic Safety Administration says that alcohol is one of the leading factors in traffic deaths of those under 35. Statistics show that traffic fatalities increased among teenagers after

the legal drinking age was lowered in Maine and Michigan. Yet no one knows whether raising the legal drinking age to 20 will decrease those fatalities.

Tennis Shoe Repair

Due to the high price of sneakers, tennis-shoe repair shops are cropping up around the country.

Makers of athletic-shoe repair equipment estimate that more than 1,000 such repair shops have opened in the last two years due to the growing awareness and popularity of physical fitness.

Rather than throwing away expensive athletic-shoes, more and more consumers are having their favorite footwear repaired.

Caribbean Docs

American medical students in the Caribbean will find it hard to get a job when they come home.

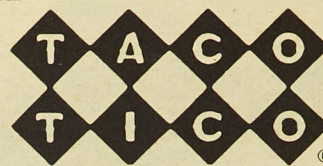
Due to tough competition to get into the 125 U.S. medical schools, more and more would-be doctors are turning to the Caribbean for their medical education. Unfortunately they may not be able to go into practice when they return.

The Association of American Medical Colleges doubts the ability of new medical schools in the Caribbean to adequately train students. Not only are they certain that these medical schools cannot give medical students proper clinical experience, the AAMC is uncertain of the schools' abilities to provide adequate science teaching.

Watch Out

Despite the fact that economists warn we are in a recession, the demand for executives is going up.

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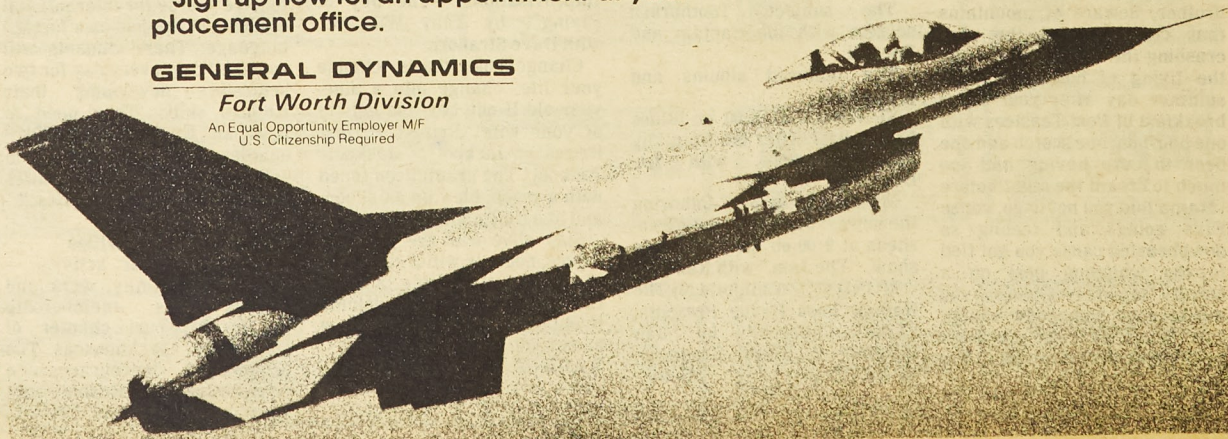
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International Guitartist, Montoya To Preform

Carlos Montoya was born in Madrid. He is, as the Spaniard's say, "Gitano por los cuatro costados," or, literally, "Gypsy on all four sides". This directly affects his music and his playing, for to play Flamenco one must have at least some gypsy in his blood. Herein lies the difference in approach which distinguishes Flamenco from classical guitar. As Carlos says, "Flamenco must come from the heart."

At the age of eight, Carlos started playing. He learned first from his mother, "la Tula," who played guitar for her own enjoyment, then from "Pepe el Barbero", a barber in Madrid who also taught the guitar. After one year, Pepe said there was nothing more he could teach his talented pupil, so Carlos left to gain what he could from the great Flamenco guitarists of the time. At fourteen he was playing in the "Cuadros Flamencos", in the heyday of Flamenco singing and dancing, for such fabulous artists as Antonio de Bilbao, Juan el Estampio, La Macarrona and La Camisona.

all his own arrangements and original compositions based on the Spanish gypsy tradition. This is truly creative playing in the fullest sense of the term.

Possessing an advanced technique among Flamenco players, Montoya is always an innovator and, for that reason, always a tremendously exciting performer to hear. Although he never plays an arrangement of his without adding something new, he has had many of his pieces published in an effort to capture at least some part of this wonderfully rich art form that heretofore had never been written down. In January of 1966 he culminated a 25 year dream when his "Suite Flamenca", a suite for guitar and orchestra, had its world premiere with the St. Louis Symphony, and has since received raves from critics.

However, Carlos Montoya and his music are inseparable; he does not perform — he lives it.

Carlos Montoya will be here at UMR on Sept. 27 at 8:00 p.m. in Centennial Hall.



Montoya's real training came, however, in the school of experience. When the late Antonia Merce — La Argentina — came to Madrid looking for a guitarist, she chose Montoya. Thus, he left his native Spain for the first time to tour all Europe with her for three years. This was only the beginning of his many concert tours which were to take him all over the world. After performing with Argentina, he went on to play for all the great names of the time — La Argentinita, Antonio, Vicente Escudero, Carmen Amaya when she was still a child, Teresina and many more.

In 1948 Montoya took a step then unheard of for Flamenco guitarists, who had always worked with a singer or dancer. He decided to give a full concert recital of Flamenco guitar music. Since the repertoire of most Flamenco players is limited, such a program had never been presented. It was a formidable idea, but Carlos Montoya realized it with equally formidable success, going on to give solo recitals both in Europe and throughout the United States and Canada. Gaining an ever-growing following, he culminated these appearances with a New York concert at Town Hall, which was so crowded that 75 extra seats had to be placed on the stage to accommodate the overflow audience (a practice, by the way, which has become necessary at every subsequent New York appearance, as well as at many of his out-of-town engagements).

One of the most interesting and important things to realize about these recitals is that Carlos Montoya creates as he goes along. What he plays are

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(Photo by Schaeffer)

Classified Ads

Richard (D.D.) your letters were fantastic, and hope I can AROUSE you the way you have me, I can't wait until we can GET TOGETHER! J.T.K.

For Sale: One pair of powered Advent loudspeakers \$50.00. Call Don at 364-9792 or 364-9769.

Lost calculator in ME-104 wall left Monday after 8:30 to 9:30 class. There is no name on it. Please contact Jon Falke, St. James, Mo. 265-7495 call collect.

Turntable for sale: A.R., all manual, new shure M 91-ED \$40 or best offer, also for sale albums in G.C., call Ken at 364-7607.

Wes, baby, the best things in life are free — like me on Saturday night, why don't you give me a call — you know the number. Love B.T.

Anyone who has here with them at UMR either a 75-76 or 76-77 Walnut Grove Mo. High School yearbook, please call D.L. Bogart, 364-9961.

Research Associateships Announced

The National Research Council announces its 1980 Research Associateship Programs which provide postdoctoral opportunities for scientists and engineers in the fields of
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NRC Research Associates will conduct research on problems largely of their own choice in selected federal research laboratories at various geographic locations in the United States. The programs are open to recent recipients of the doctorate and, in many cases, to senior investigators also. Some programs are open to non-United States nationals.

Over 200 new awards will be offered on a competitive basis in 1980. The basic annual stipend (subject to income tax) will be \$18,000 for recent recipients of the doctorate. Higher stipends will be determined for senior awardees. Awards will include relocation allowances and limited support for professional travel during tenure. Awards generally will be for one year periods. Senior applicants may request shorter tenures.

1980. Awards will be announced in April.

Application materials and detailed information about specific opportunities for research and the federal laboratories which participate should be requested promptly from the Associateship Office, JH 608-D1, NATIONAL RESEARCH COUNCIL, 2101 Constitution Avenue, NW, Washington, DC 20418, telephone (202) 389-6554.

Applications to the NRC must be postmarked by January 15,

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Reflections.....

One night I dreamed I was walking along the beach with the Lord. Many scenes from my life flashed across the sky. In each scene I noticed footprints in the sand. Sometimes there were two sets of footprints, other times there was one only.

This bothered me, because I noted that, during the low periods of my life when I was suffering from anguish, sorrow or defeat, I could see only one set of footprints, so I said to the Lord, 'You promised me, Lord, that if I followed you, you would walk with me always. But I have noticed that, during the most trying periods of my life, there has been only one set of footprints in the sand. Why, when I have needed you most, have you not been there for me.'

The Lord replied, 'The times when you have seen only one set of footprints, my child, are when I carried you.'



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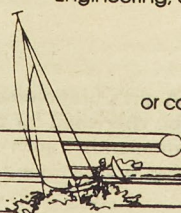
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David Weaver (center) is this year's winner of the St. Pat's Sweatshirt Design Contest. (Photo by Schaeffer)

Pat's Facts

BY JERRY WEILAND

The St. Pat's Board is proud to announce the winners of this year's Sweatshirt-Button Design Contest. First place goes to Dave Weaver of Phi Kappa Theta whose design will appear on this year's sweat-shirts. Second and third places go to John Bodrexel of TJHA and Doug Bye of Beta Sigma Psi, respectively. The second and third place designs will appear on the two St. Pat's 1980 buttons. Congratulations to these winners and a big thanks from the Board to all who participated.

The Bumper Sticker Design Contest is now in process. Submit your slogan ideas to any

Board Rep. before October 8. The winner will receive \$10.00.

In closing, just a quick reminder that tomorrow is SEPTEMBERFEST. Enjoy the music of Rodd Hogg, some great frisbee competition, plenty of your favorite beverage, and an all around great time, all for \$1.50. Get your admission button from your local Board Rep. The festivities will run from 2-6 p.m. Free bus service will be available from the Student Union parking lot, to and from Lions Club Park from 1-6:30 p.m. Come on out and make "St. Pat's 1980 THE BEST EVER!!!"

Subscripts.....

On Sunday, September 23, "Jaws" hits the beach of Rolla. This film classic will be shown in Centennial Hall at 4:00 and 6:30 p.m. Admission is free with valid UMR I.D.

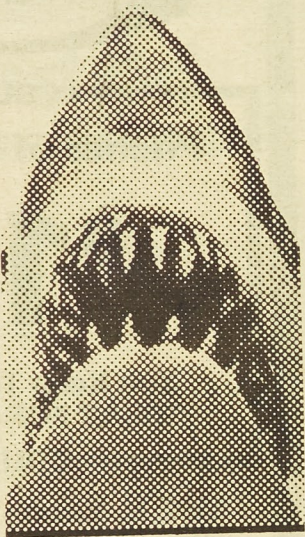
Carlos Montoya, world renowned Flamenco guitarist, will be here on September 27 at 8:00 p.m. in Centennial Hall. Admission is free with valid UMR I.D. The general public will be admitted after 7:50 p.m. providing any seats remain.

S.U.B. is sponsoring a Billards Tournament. Participants should sign up in the S.U.B. office by this Friday. Play begins on September 24, with trophies being awarded for first and second place, and the winner is eligible for the Association of College Unions-International regional competition in Columbia, Mo.

The S.U.B. Float Trip will be on September 29. The charge will be \$2.00 per person. The float is on the Current River from Akers Ferry to Pulltite Springs. Sign up at "On the Loose" in T-9 between 2:30-5:00 p.m., Monday-Friday.

There will be a Frisbee Tournament on September 30, starting at 2:00 p.m. at the Intramural Fields. There will be three events, Frisbee Golf, Distance, and Free Style. Trophies will be awarded.

A Student-Faculty Golf Tournament is schedule for October 6. Each team will consist of one student and one faculty member. It will be an 18-hole, best balltournament. Tee-off time is set for 8:30 a.m. Sign up at the S.U.B. office.



Greek Life

Submitted by Kappa Alpha

In the later part of August, the Kappa Alpha Order held their 58th national convention in Jacksonville, Florida, where the Beta Alpha Chapter of UMR was awarded the "Hoover Award" for chapter excellence. President Dale Tayloe accepted the award from the Knight Commander, Loren Q. Hanson making this the fourth such award for highest honors in the Kappa Alpha Order.

The areas for which the award was presented are: general house operations and financial standing, scholastic improvement, campus involvement, participation in Gamma Alpha Delta service projects and relations with alumni and local businessmen. Also for the funds raised for Muscular Dystrophy, the Order's national philanthropy.

Special thanks to Rich Louis, who was instrumental in presentation of our application for the Hoover Award.

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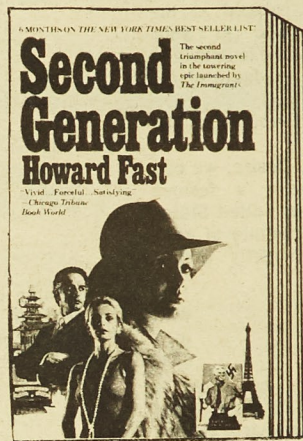
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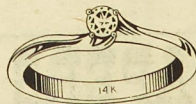


By Howard Fast

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Those Good Old Days

Those fabled "good old days," when examined more closely, bear an uncanny resemblance to the present. People who lived 5,000 years ago had many of the same problems and complaints that are common today.

That's the conclusion of Dr. David Freedman, a professor at the University of California in Davis. He based his contention on his research into letters written in 3,000 B.C.

"Human nature has not changed a bit over the last 5,000 years," contends Dr. Freedman after sorting through letters written by the ancient Sumerians and Babylonians. "What is going to be tomorrow, happened yesterday too," he

concludes.

A father back then wrote to his son: "You are living in a nice area, as nice as anyplace else. Why don't you settle down, have a family, build a house." In other words, don't be a bum.

The familiar plea for more money is not a new one. A youthful apprentice in the city of Ur wrote home to his mother: "I sit outside the music hall and eat unmentionable things. I hope I don't die from it. I eat stale bread...Hurry up and send me money."

Dr. Freedman's conclusion? He's persuaded that, as the Bible says in Ecclesiastes 1:9, "there is nothing new under the sun."

Student Union Board On The Loose

	Days Rented							
		2-3	4-5	6-7	8-9	10-11	12-13	14-15
Canoe+	4.50	9.00	13.50	18.00	22.50	27.00	31.50	36.00
car-top carrier	.25	.50	.75	1.00	1.15	1.50	1.75	2.00
life jacket	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00
paddle	.25	.50	.75	1.00	1.25	1.50	1.75	2.00
Canteens	.10	.20	.30	.40	.50	.60	.70	.80
Compass	.10	.20	.30	.40	.50	.60	.70	.80
1-person mess kit	.25	.50	.75	1.00	1.25	1.50	1.75	2.00
4-person cook kit	.25	.50	.75	1.00	1.25	1.50	1.75	2.00
Pack & frame	.75	1.50	2.25	3.00	3.75	4.50	5.25	6.00
Sleeping bag	.75	1.50	2.25	3.00	3.75	4.50	5.25	6.00
2-person backpack tent	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
4-man tent	3.50	7.00	10.50	14.00	17.50	21.00	24.50	28.00
cooler	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00

+Canoe rental includes 2 paddles, 2 lifejackets, plus a car-top carrier. Prices also listed for these items without canoe rental.

Look For
Monty Python
on Page 16

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And all the while, we're still looking for ways to squeeze every drop out of old oil fields. And

continuing the important search world-wide for new ones.

If you're also committed to changing the world, to making your mark on the energy frontiers ahead, we'd like to talk to you.

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Looking At Rolla With The Right Prespective

Lately, I have heard too many people criticizing Rolla as a visual wasteland and cultural Hell. The problem as I see it, is that the general population looks at this fair city in the wrong perspective. The only possible solution is for people to reevaluate their views of Rolla. Personally, I think it is as true as day, that Rolla is the cultural center of the world.

Surprised? Don't be. Breaking down the town category by category, it will become apparent that we are living in the "Florence of the Midwest."

Consider the entertainment possibilities. It is unfortunate that so many people pass up the real culture of Rolla for smut like St. Louis musicals and the rest. There are so many things that students don't seem to notice. Real culture in Rolla is taking a drive on highway 63 on a Friday night. Or a lovely Saturday evening at the Ritz. ("Linda Lovelace and the Naughty Cheerleaders Go to Tiajuana" is my favorite). And who can pass up the jet set playing pool in the Student Union. For those with simpler tastes, a stroll down Pine Street at noon to see all the octogenarians is always in vogue.

In the category of physical centers of culture, Rolla abounds in museums, libraries, and laundromats (well not so many of those). I revel in the opportunity of going to the 'PZ' shelf in the library, and touching a copy of Grapes of Wrath. If you're in an adventurous mood, why not trot up to the Library's third floor and take a peak at The Journal of Yugoslavian Petroleum Engineering: Convention Minutes-1934: volume VIII. What a masterpiece. Yes surprise, surprise, Rolla has a museum. I understand the Phelps County Historical Society keeps there a butter churn used by Jesse James second cousin's favorite grocer, a certain Mrs. Crebbs. It's worth the trip.

The best in dining can also be yours in Rolla. If you prefer the elegant, Rayl Cafeteria should be your choice. The cuisine is noted for its unique taste, and the cafeteria, for its delightful atmosphere. For those with less epicurean longings, why not explore any of Rolla's "eating experiences." Dairy Queen, A & W, Wendys, and even Chub and Jo's can be yours for the asking.

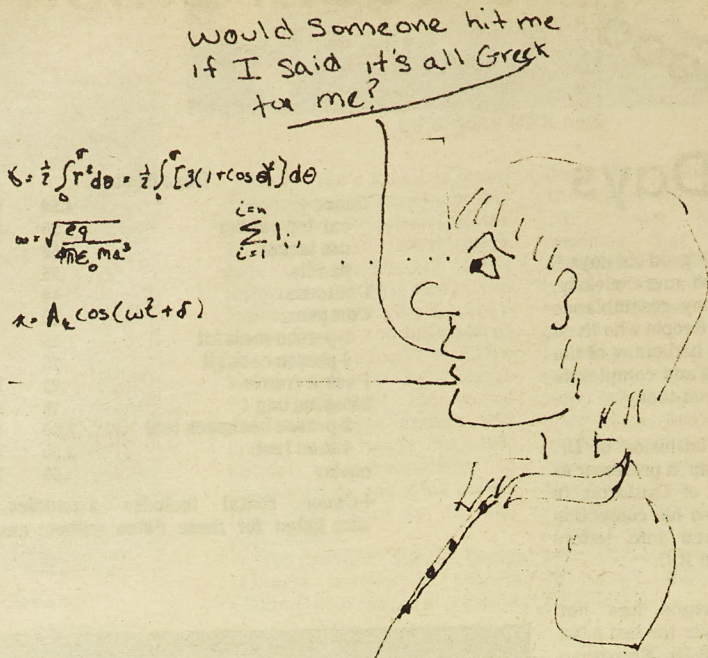
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To become a true Rolla "Renaissance Man" it is imperative that one follows his peers to the high class festivities, known among the seedier sort as "beer busts," "beer gardens," "drunken brawls," etc. Do not be influenced by those obviously unenlightened words. These affairs are only attended by the cream of Rolla's blue blood. Even the famous allow themselves the pleasure of these events. I myself have seen Cheryl Ladd, Gerald Ford, Edna St. Vincent Millay, and Alexander the Great at the culmination of these parties. But a word of caution. Some of these soirees are more tedious than others. I have witnessed numerous less hardy souls passing out from the — the boredom.

So the next time you're in the mood to dash off to St. Louis, Chicago, St. James or any other place where the beautiful people hang out, sit back, think about what you're missing here, and try to catch this week's exhibit at the Civil Engineering building. I think its called, "Storm Sewers Through the Ages..."

The Life and Times of Joe Miner



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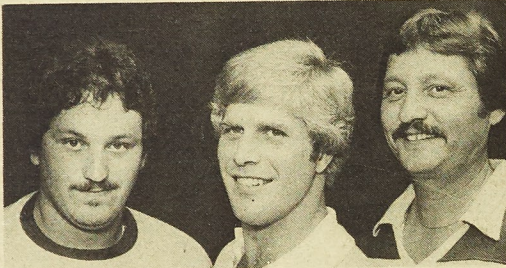
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Campus Interviews

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CAMPUS INTERVIEWS September 28

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Equal Rights

Equal Rights and the Women's movement have broken down some traditional barriers for men.

Male secretaries are still a rarity but they're becoming increasingly popular as equal opportunity laws and secretary shortages are encouraging many firms to actively seek males.

Male executives don't believe that women take their jobs as seriously as men.

Youngs, Walker and Co., a Chicago-based management consulting firm, surveyed 280 men in six cities and a full 75 percent — mostly presidents and vice presidents of banks — believe that women don't put enough emphasis on career goals and that women do not have men's drive for success.

According to a poll taken by the Opinion Research Corporation, 73 percent of 241 companies have a code of ethics for employees.

Half were developed within the last four years. Eight out of ten concerns believe that employees are at least "fairly familiar" with their company's codes but only 36 percent distribute them to their workers.

People are charging more purchases now so that they won't have to pay higher prices in the future, and the result is that banks are losing money on credit cards.

Delinquencies and loan losses on credit cards are soaring as more and more people charge items to their accounts and fall behind on the payments. It's estimated that more than \$810 million of Visa and Master Charge debts are in arrears, having payments more than 30 days behind.

Student Union Board On the Loose

On the Loose is an outdoor equipment rental agency sponsored by the Student Union Board. OTL is open to UMR students only. We are located in T-9 across from the coal pile, hours are 2:30 to 5:00 p.m. Mon. thru Friday 341-4955.

Due to inflation OTL will NOT raise the prices of their Rental.

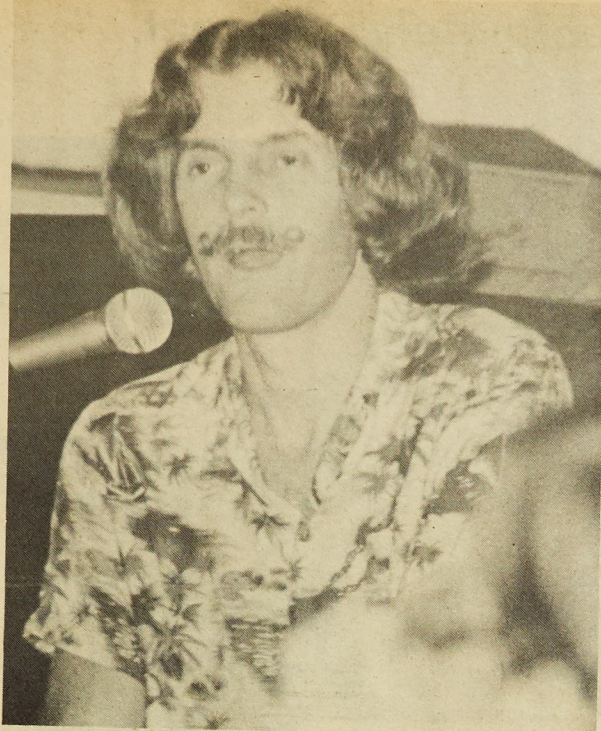
shortstuff shortstuff

recruiters, says that incoming search assignments hit a record high in May, 30 percent higher than last year.

More Watch TV

People are watching more TV than they did a year ago.

Television viewing rose to a record average of six hours and 34 minutes a day in the last six months. A total of thirteen minutes more a day than a year ago. The Television Bureau of Advertising believes the increase is due to more people staying home to save gas.



Coffeehouse Review

Bill Haymes

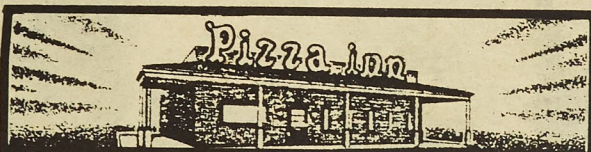
By LINDA PONZER

Singer-folklorist, Bill Haymes presented a well-received coffeehouse to the student body here, last Saturday night. He performed mostly his own music on the six-string guitar, mandolin and piano.

Haymes' personality came through in his tales of the road and in his smile. His interest in music began sixteen years ago

with a \$15 pawnshop guitar, since then he has grown to live in his music. Taking material for his music from all that he has seen and felt.

His concert was a reflection of those moments and times in his life which memories are made of. It was a combination of all that influenced him and his experiences — "aged and blended with the passage of miles and time." It was enjoyable!



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Tonight at 7:30 p.m. in the ME Auditorium is "Romeo and Juliet" starring Olivia Hussey and Leonard Whiting. Cost is \$2.00 at the door. For additional information contact Norma Fleming at the UMR Extension Division.

Campus Interviews

Manufacturing Engineers TI Equipment Group

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Manufacturing Support which provides assembly methodization and mechanization, producibility engineering and assembly tooling design.

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TI is called "the best-managed" company. If you read the polls, you know. TI gets the best scores.

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Economists are impressed that we self-fund our growth. They are complimentary of our production and cost controls. (Over a recent 10-year period, TI's unit output per man-hour increased 13% versus a 2% gain for the rest of the U. S. private sector. Over the same period, our prices decreased an average of 8% per year compared to an average 6% increase for everybody else.)

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Environment

You will enjoy this hands-on, shirt-sleeve type job where ability to communicate is a necessity. The opportunity awaits you, and advancement is based upon your capabilities. If you want a move-up environment, a place to show what you can do, there's no place like TI.

Interviewing on Campus September 26-27

If unable to interview at this time, send resume to: College Relations Administrator, Equipment Group/ Texas Instruments/P.O. Box 226015, M. S. 222/ Dallas, Texas 75266



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And Now For Something Completely Different..."



A POMPOUS PILATE — With Judea in turmoil about him, Michael Palin (right), as Pontius Pilate, remains his usual oblique and mostly oblivious self, secure in the belief that

his trusted aide — portrayed by John Cleese (left), will see him through whatever lies ahead. The scene is from "Life of Brian."

Monty Python's

In season, the small coastal resort of Monastir, a 3½-hour drive from Tunis, welcomes holiday-makers from all over Europe. Once a garrison under Julius Caesar, it is now a pretty town of battlements and minarets, birthplace of Habib Bourguiba, Tunisia's president, who lives in the nearby summer palace. But despite its unhurried atmosphere, it is not unfamiliar with the intrusion of film people. In the desert to the south, parts of "Star Wars" were filmed, and here, in Monastir, Franco Zeffirelli made his TV epic, "Jesus of Nazareth." His vast wood-and-plaster mock-up of the Temple of Jerusalem still stands, gently crumbling beside the Ribat, a fort that dates back to the 8th Century.

It was this surviving set and the historically intact Ribat that drew Monty Python here to shoot its "Life of Brian." The group had already established a style of shooting comedy against real locations back in 1974 when they adopted the crumbling castles of Scotland to film "Monty Python and the Holy Grail," a medieval quest loosely based on the Arthurian legend which "made 'Ben-Hur' look like an epic." After journeying around North Africa, director Terry Jones and designer Terry Gilliam reached the same conclusion as Zeffirelli — here was the perfect place to recreate Judea at the time of the Roman occupation. Gilliam's design was, however, far more innovative — in his mind he saw the Romans imposing their own architecture

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You could be a Unitarian-Universalist...and not even know it! U-Us dislike having their philosophical and religious ideas spoon-fed to them.

U-Us stress the essential goodness in people, not some inherent sinfulness.

U-Us concentrate on the here-and-now, rather than a hereafter. Unitarian-Universalists believe in a rational, reasonable approach to religion, utilizing scientific insights as well as the best ideas and ideals of past and present thinkers.

Would you like to know more about a religion that could attract: Thomas Jefferson, Isaac Newton, Charles Darwin, Florence Nightingale, Oliver Wendell Holmes, Albert Schweitzer, Henry Thoreau, Susan B. Anthony, Ralph Waldo Emerson, Elliot Richardson, Adlai Stevenson, Linus Pauling and many others?

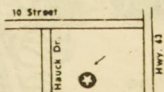
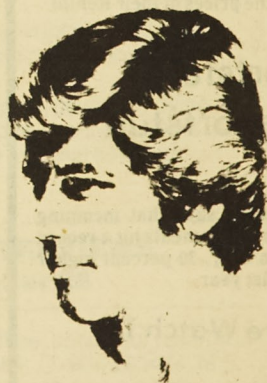
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"The Life Of Brian"



Terry Gilliam stars as a Roman jailer in Monty Python's "Life of Brian."

on the existing structures and had therefore designed and built huge Roman columns, arches and imperial symbols onto existing North African walls, towers and monuments and, with remarkable care for detail, created a real world against which the comedy was to be played.

With as much attention to detail, the costumes were designed with the greatest of authenticity for the multitude of characters which each member of Monty Python plays, in order to emphasize even more, the comic absurdity of the situation.

For this is the world of Monty Python — a seemingly credible world which creates a sense of recognizable security, only to be shattered by a stream of eccentric characters and situations which change forever our vision of normality.

"Monty Python's Life of Brian" was conceived early in 1976 just after the group had successfully launched "Monty Python and the Holy Grail" on an eager public and admitted that the pain of making that film had, after all, been worthwhile.

Starting with the title "Jesus Christ, Lust for Glory" and a number of bad-taste jokes, the group then discussed and read about the period in which Christ had lived and decided they could not represent Christ himself — comedy is about awfulness not niceness and what clearly began to interest them most as a subject for a comedy film was the times in which Christ lived, with — as the main theme — Jewish political intrigues against the Romans and the false messiahs that abounded. The process of writing and re-writing continued until January 1978, by which time they had refined their script to their general satisfaction and produced a complete story set against a real-life background. No longer could it be a "cheap medieval extravaganza" — they had written what demanded to be filmed as a large-scale production with real horses, huge crowds and air-conditioned house trailers.

The casting of the 65 principal characters in the story did not cause the normal problems of availability of other international stars for the six member of Monty Python who, in the best tradition of university revues — where Monty Python began, share the majority of multiple parts between them with great versatility and economy. But even after the distribution of the

many parts, it was still necessary to bring along an equally good tradition — a repertory company of six additional performers to support the group in the remaining roles.

Terry Jones, who is making his debut as sole director, (he co-directed "Holy Grail" with Terry Gilliam, Python's American-born designer and animator), still found time to act, his most prominent role being Mandy, the mother of Brian. Terry Gilliam, as well as supervising the entire design of the film, also played several roles while John Cleese plays two totally opposite parts, that of the Roman Centurion of the Yard and Reg, the leader of the Jewish revolutionary group, as well as five other characters. Eric Idle and Michael Palin each have a dozen parts,

leaving Graham Chapman to carry the title role of Brian...and a few others.

Maybe Monty Python does seem to take on everything itself and perhaps this is because it doesn't really trust anyone outside the group to translate its intentions, but fundamentally Monty Python is a writers' commune and acting is only a means of applying the final touches to the real business of comedy...

Shooting of the film started on September 18, 1978 and 65 days later — after 5,000 lunches, 45,620 cups of tea, 10,530 sandwiches, 23,790 cups of cappuccino, 24,015 bottles of soft drinks, 4,995 cakes, 14,245 bottles of water and 25,770 cups of milk, not to mention camels, donkeys and sheep — Monty Python left Tunisia a good deal fatter.

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Barksdale To Speak

Clarence C. Barksdale, St. Louis bank executive, will discuss the effects of inflation and a rapidly changing economy on the Midwest businessman at 2:30 p.m., Tuesday, Sept. 25, in Centennial Hall, University of Missouri-Rolla.

Barksdale is chief executive officer and chairman of the board, First Union Bancorporation and First National Bank in St. Louis.

Everyone is invited to hear his talk, participate in the question and answer period, and attend a reception afterward in the Miner Lounge.

Because of his corporate and civic involvement, Barksdale was one of a handful of persons featured in a story, "Youth Takes Over in Corporate St. Louis" in the New York Times, and, in 1974, was selected by Time magazine as one of the nation's 200 "faces for the future."

His banking career started in 1958 with the First National Bank in St. Louis in their executive training program. In 1961, he was elected assistant vice president after one year as assistant cashier. In 1964, the same year he graduated from Rutgers University's Stonier Graduate School of Banking.

He will also address the Rolla Kiwanis Club the same day.

In the 18-bank Missouri-based holding company, First Union Bancorporation, he began as executive vice president in 1972 and became chairman of the board and chief executive officer in 1978.

His civic activities have kept pace with his professional involvement.

In 1968, 10 years after he first began his employment at the bank, he was elected executive vice president and became president of First National two years later at the age of 37. He was named chief operating officer in 1973, chief executive officer in 1974, and in March of 1976, assumed his present responsibilities.

Beer War?

During the period when everyone, including ADVERTISING AGE, was lauding Miller Brewing Co. for its marketing prowess — in particular the classic Lite beer success — the brewer made what may turn out to be a likewise-classic mistake.

Although the facts aren't all in yet, it appears that Miller blew it when it acquired the Lowenbrau brand from its German owners to mount an assault on Anheuser-Busch's Michelob in the superpremium beer segment. Not that acquiring Lowenbrau was a wrong move; far from it. But the decision to use that valued name and image for taking on an American category seems wasteful. Miller can argue that it could not economically import Lowenbrau in the volume it wanted to generate. Thus, the

decision to brew it here. We can't argue with its sales goal, or the advertising with which it sought to accomplish it. But consumer and competitor complaints about its U.S. origin have finally dictated that commercials declare it to be "a truly great American beer." And that's not the image the name conjures up.

Pre-Miller, the name meant top-of-the-line, quality, Germany 8 as did the less well-known Wurzbürger. A limited market at the time, to be sure — not what Miller was after. But since the decision to launch

Lowenbrau into the superpremium race, the import category has been growing nicely. Anheuser is going into the category through an agreement with Wurzbürger. And where is the brand that should dominate the business? On the air calling itself "a truly great American beer."

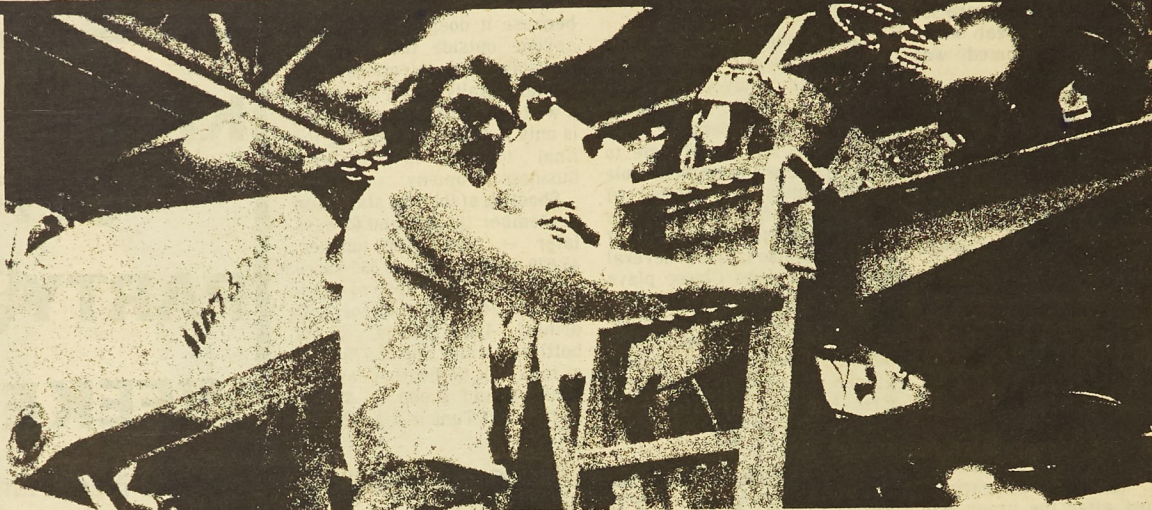
So Miller must now combat Wurzbürger by creating a new brand, Munich Oktoberfest. That's as close as you can get to a truly German name, if you don't have one. Isn't it a shame the name Lowenbrau no longer represents a truly great German beer?

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Did you know there was once a professional boxing match in which both fighters KNOCKED EACH OTHER OUT?...It was a match some years ago between Earl Williams and John King...In the 4th round, both men threw a knockout punch and connected on each other at the same time...Both fell to the floor and were counted out...How was the fight scored?...It was called a draw.

Has any player ever played ALL 9 positions in one major league baseball game?...Oddly enough, it has happened...Bert Campaneris did it for the A's in a game in 1965, and Cesar Tovar did it for the Twins in a game in 1968.

I bet you didn't know...that Don Gibson and Jim Wood have both served on the Board of Directors of the Missouri Association of Life Underwriters. A tribute to these professional men. See...

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"Time After Time"

H.G. Wells, who we know as the author of "The War of the Worlds," "The Island of Dr. Moreau," "The Invisible Man," and "The Shape of Things to Come," was a futurist who predicted many of the developments of the 20th Century, including space travel, moonlandings, socialist societies, and women's emancipation. In his novel "The Time Machine," he foresaw the day when man would be able to travel backward and forward in time.

"Time After Time," a Warner Bros.-Orion Pictures release through Warner Bros., starts with the premise that Wells actually constructed the time machine which he wrote about. The film is a romantic thriller in what Wells, the scientific genius, tracks Jack the Ripper, the criminal genius, from 19th Century London to 20th Century San Francisco in order to bring the Ripper to justice.

When he is transported in his time machine to sophisticated, modern San Francisco, Wells seems to be more of a babe in the woods than a sophisticated Victorian gentleman. What he finds is that some of his predictions have come about, while others, like a utopian society, have not. And, some real surprises also await him — such as comic encounters with see-through pants, escalators, TV commercials, McDonalds and a very romantic encounter with a very liberated lady.

Some of the film's most suspenseful moments were filmed by director Nicholas Meyer on location in San Francisco. The locations include the turn-of-the-century Palace of Fine Arts, the ultra-modern Hyatt Regency Hotel and the Muir Woods. Meyer, who authored both the novel and screenplay for "The Seven-Per-Cent Solution," based his screenplay for "Time After Time" on a story by Karl Alexander and Steve Hayes.

"Time After Time" stars Malcolm McDowell, David Warner and Mary Steenburgen and was produced by Herb Jaffe. The film's score was composed by Miklos Rozsa whose other credits include "Spellbound," "The Thief of Bagdad," and "Quo Vadis?"

About The Stars

MALCOLM MCDOWELL, who stars as H.G. Wells, is a native of Leeds, England. He made his motion picture debut in a small part in "Poor Cow" in 1967, and spend a season with the Royal Shakespeare Company in London. He is perhaps best known for his chilling portrayal of the bully-boy in Stanley Kubrick's "A Clockwork Orange." He also has to his credit "If....," "Figures in a Landscape," "The Raging Moon," "O Lucky Man!" and "Royal Flash."

DAVID WARNER stars in the role of Dr. Stevenson (Jack the Ripper), one that demands the audience believe in the schizophrenic realities of the character. Warner has appeared in numerous films in-

cluding "Tom Jones," "Morgan," "The Fixer," "The Ballad of Cable Hogue," "Straw Dogs" and "Nightwing." He was nominated for an Emmy Award for his portrayal of Heidrich in the recently acclaimed TV mini-series "Holocaust."

BEAUTIFUL BAIT — Mary Steenburgen portrays a young bank executive who assists H.G. Wells in his pursuit of Jack the Ripper by becoming the beautiful bait for the legendary killer who Wells has followed through time from 19th century London to modern-day San Francisco in "Time After Time". The romantic thriller was written and directed by Nicholas Meyer and produced by Herb Jaffe.



Campus Days...



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The Salesman's Dream.

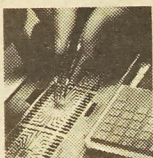
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on a single chip of silicon, the more the average AEG cost goes down.

In short, you make things cheaper by making them more complicated.

Your work made it possible for a TI consumer product that sold three years ago for about \$70 to sell today for \$14.95.

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Outsmarting Smog.

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It's on the ground that traffic controllers at Los Angeles International Airport have a problem. They can "see" incoming and outgoing airplanes on their radar just fine, so long as the airplanes are in the air.

But when the airplanes are on the ground — touching down, taking off, taxiing, parking — they are sometimes impossible to see and control. Ground smog obscures them.

You believe you have an answer to the smog problem. You dig out the plans for an airborne ground-mapping radar you helped design. You adapt the design so the L. A. controllers can use it to see through smog. It works beautifully.

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Detection Equipment (ASDE). It's standard equipment at L. A. International and at the airport in Geneva, Switzerland. Other airports with smog and snow problems are expected to have it soon.

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You're glad you got into technology.

If you're not in technology yet, think it over. If you are in technology, talk to Texas Instruments.

Campus Interviews Sept. 26-28

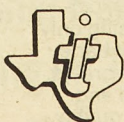


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(Photo by Schaeffer)

Traditional Musicians At Big Spring

The Midwest is full of old and well-established ethnic music traditions carried on by a few, usually older people. Malcolm Dalglish and Grey Larsen, two young musicians from Cincinnati, perform material based on what they have learned from talking to and playing with such people. Their repertoire includes ballads, stories, hymns, work songs, and dance tunes from the Appalachian Mountains and Ohio and Mississippi River Valleys, as well as a broad range of traditional material from Ireland, Scotland, and England, from which much Midwestern music evolved.

They perform on a variety of traditional instruments including hammer dulcimer, Irish flute, tin whistle, English concertina, fiddle, guitar, plucked dulcimer, spoons, bones, tamborine, and even their own bodies, having learned "hambone" techniques from ghetto children.

Malcolm and Grey will be in Carter County on Friday, Sept. 21. They will perform in three mini-concerts during the day at the Ellsinore High School, the Van Buren High School, and the Riverways Manor Nursing Home. At 7:30 p.m. at Big Spring, Ozark National Scenic Riverways, Malcolm and Grey will present a full length concert. This may also include group singing and square dancing.

Everyone is invited to attend and enjoy their traditional and blue grass music. Tickets are \$2.00 for adults, \$1.00 for students, 50 cents for children, and \$1.50 for Carter County Arts Society members. In case of rain, the concert will be held at 7:30 p.m. in the Van Buren High School gymnasium.

This event is sponsored by the Carter County Arts Society, Ozark National Scenic Riverways, and the Missouri Arts Council. For further information call 323-4670 or 323-4722.

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Interviewing on Campus

September 26-27

If unable to interview at this time, send resume to: Ruth Lodowski/Texas Instruments/P. O. Box 226015, M.S. 222/Dallas, Texas 75266.



TEXAS INSTRUMENTS

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Sports

Miners To Face Pittsburg

By ED RANDALL

The Miners will go up against their toughest opponent thus far, when they play Pittsburg State at Pittsburg, Kansas, this Saturday evening. Kick-off is scheduled for 7:30 p.m. The Miners coming off of a victory against William Penn and a tie with Missouri Valley will have their hands full, with the defending co-champion from the CSIA League. Pittsburg ended the season last year 7-3, with one of their losses being to UMR, 38-21.

So far the Guerrillas have beaten Northwest Missouri State 21-14 and lost to Southwest Missouri State 41-37. Pittsburg

was ahead last week against S.M.S. at halftime but things just seem to have fallen apart in their second half.

Coach Finley feels that Mark Hittner, quarterback, and Richard Overton, running back, are both exceptional players for Pittsburg. Overton, standing 6'2" at 200 pounds is a strong hitter when he has the ball.

There is some uncertainty about some of the Miners starting this Saturday. Some of them have a pulled muscle which could keep them on the sidelines. Paul Sullentrop has regained enough strength in his knee to take over kicking duties this Saturday. Sullentrop will not play defense, so that he

doesn't take a chance of reinjuring his knee. As of Monday Sullentrop still looked a little rusty.

During practice the offensive

line looked exceptionally well and will be ready for a hard hitting game against the Guerrillas.

M-Club Athlete

Pat Becker a junior on the newly formed varsity soccer team was selected as the M-Club Athlete of the Week. Pat had a good game Tuesday against the Kirksville Bulldogs tallying a goal, a penalty kick, and an assist as the Miners

defeated the Bulldogs 5-0.

Also singled out by the coaches this past week were Brent Haefner for his performance in the cross-country meet last weekend and Don Anselm for his soccer play Tuesday.

Miners Kick Northeast, 50-0

By GERRY SCHNITZLER

The UMR kickers jinxed the soccer squad from Northeast Missouri State University last Tuesday evening, downing their opponents 5-0 at Rolla. Dave Slama recorded his first shutout of the season.

A good crowd attended the game, but there is still room for more spectators. Come out and watch an NCAA matchup — it's exciting. Both NMSU and UMR are in their first year of intercollegiate soccer competition and enthusiasm runs high.

The game Tuesday evening with NMSU featured a sure-footed, passing UMR offense. The Miner squad had several missed scoring opportunities in the first half but only managed to capitalize twice. Matt Narzinski scored on an assist by Don Anselm at twenty-eight minutes, and just four minutes later Don Anselm tagged the ball by an NMSU fullback on an assist by Pat Becker for score number two.

Just seven minutes into the second half Pat Becker put the

Miners on top 3-0. The UMR offense looked much sharper in passing and ball control than their NMSU counterparts, causing plays to happen instead of waiting.

Twenty-three minutes went by in the second half when Uko scored on an assist by Grant. At forty-four minutes into the second half Becker booted a

penalty kick by the Kirksville goalie to give the Miners an impressive 5-0 victory.

The Miners are now 1 and 1 on the year. UMR next plays Logan College and Belleville Area Junior College away. The next three games are in Rolla and offer an excellent opportunity for student involvement and support. South-

west Missouri State University will be here Saturday, Sept. 29th at 1:00; Forest Park Community College will play here the following Sunday at 2:30. On October 5 Central Missouri State University will be in town for a 5:00 game. Come on out to the outfield of the UMR baseball field and watch our Miners kick it!

Title Nine Update

Campus Digest News Service

On April 22, it was time for the women athletes to be heard.

They came from all over the country to Washington D.C. to protest against the protesters of Title IX's application to collegiate sports.

The rally began in front of the White House, then shifted to Capitol Hill, where some legislators are battling Health Education and Welfare rulings which call for equal per capita spending for male and female athletes.

The women, who were bussed in from all over the country, were also urged to meet with their respective congressmen while in the capitol.

According to press accounts, the women athletes mobilized after Joseph Califano, secretary of HEW, warned women athletic officials that Congressmen would put up a strong fight against the Title IX application to women's athletics.

The Association of Intercollegiate Athletics for Women, the female equivalent of the National Collegiate Athletic Association, joined forces with the National Coalition for Women and Girls in Education and other women's groups to lead the demonstrations.

Barring legislative interference, HEW will release its final Title IX athletic regulations sometime this summer, for implementation in the fall.

The wire services report that several congressmen are planning to attach riders to nonrelated legislation that would exempt revenue-producing sports from the equal per capita spending formula discussed by Califano since December.

Earlier attempts to exclude revenue-producing sports from Title IX guidelines have failed in Congress.

Revenue producing sports, such as football, pay for non-revenue producing sports, such as most women's athletic programs and male sports such as golf, track and cross country.

The revenue producing sports also have athletics who have a lot of money spent on them. To give a women's field hockey player the same benefits as a halfback on the football team, say athletic directors, would be financially disastrous.

The major NCAA member colleges have hired a Washington D.C.-based public relations firm to argue their case with legislators and bureaucrats.

Athletic directors all over the country have predicted financial doom for their departments if equal per capita spending is enforced.

The women protesters, however, claim that progress towards equality in athletics

The Title IX law, approved by Congress in 1972, has already helped women's athletics rise from a level of almost intramural quality to a level of quality approaching some of the

male sports.

There is one thing proponents and opponents of Title IX agree on — the next few months are crucial. HEW is considering the opinions and information from University officials it requested, but so far college administrators are pessimistic that Califano will sway from his December stand.

Intramural Standings (Final) 1978-79

Team	Total Points	Place
Acacia	978	
Alpha Epsilon Pi	1299	
Assn. of Black Students	1201	
African Students Assn.	513	
Baptist Student Union	138	
Beta Sigma Psi	1985	10
Campus Club	1578	
Chinese Student Assn.	607	
Delta Sigma Phi	1667	
Delta Tau Delta	1361	
F.E.L.A.	1012	
Christian Campus House	1217	
G.D.I.	2288	6
Graduate Students Assn.	1063	
Kappa Alpha	1970	
Kappa Sigma	2363.5	5
Lambda Chi Alpha	2012	9
Mates	1075	
Residence Hall Assn.	1791	
Pi Kappa Alpha	2171	8
Pine Street Housing Assn.		
Phi Kappa Theta	2218	7
Sigma Phi Epsilon	2843.5	1
Sigma N	2532.5	2
Sigma Pi	1860	
Sigma Tau Gamma	1532	
Tech. Engine Club	2429	4
Theta Xi	1258	
Thomas Jefferson Housing Assn.	1726	
Tau Kappa Epsilon	2468	3
Triangle	1784	
Wesley	1212	
Alpha Phi Alpha	215	
Pi Kappa Phi	302	

Women's Soccer

By GERRY SCHNITZLER

Are you interested in a Women's Club soccer team at UMR? It just may soon be a reality-pending sponsor's approval. The Gateway Soccer Association is the present

league UMR could be involved with. Right now the girls practice Monday nights at 8:30 and Tuesday through Thursday at 6:00 p.m. on the intramural fields. Any girls interested in playing are encouraged to come out to practice.

PUT'EM AWAY



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If you can live without your cigarettes for one day, you might find you can live without them forever. So put 'em away just for a day, Thursday, November 15.

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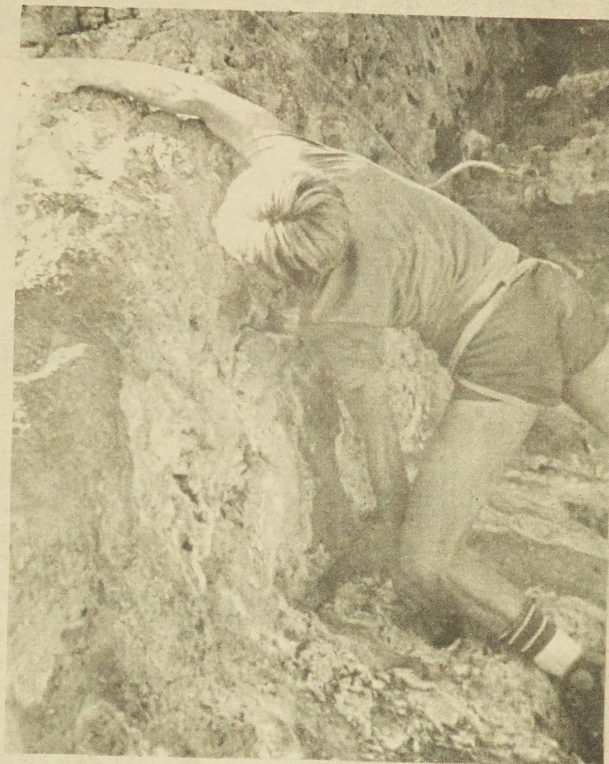
UMC Downs Ruggers

By JERRY WEILAND

The UMR Ruggers lost in their second outing of the season Saturday to the

University of Missouri-Columbia, 34-7. The Miners were hampered by the absence of five starters who were on business elsewhere during the

occasion. The only points scored by UMR were a try by Steve Melina and a penalty kick by Mike Eversman.



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Water Polo

Miners Take Two

By JERRY WEILAND

The UMR waterpolo team plunged into the season opener head first and came up with 20-5 and 16-7 victories over Purdue and Principia respectively. Offensively the Miners played impressively led by Adams with 10 goals and Dickenson with 8 goals and 11 assists. Bess and Homoky also had a good day with 5 goals each. Raskin had 3 and Eintwistle 2, with 8 assists. Tom Beyer played outstanding defense at goal as he held the

opponents to 12 points on the day. Indeed, it was a fine day for the Miners. Please come out and support the team as they

host the seven-team Miner tournament here in Rolla on October 5, 6 at the Multipurpose Building.

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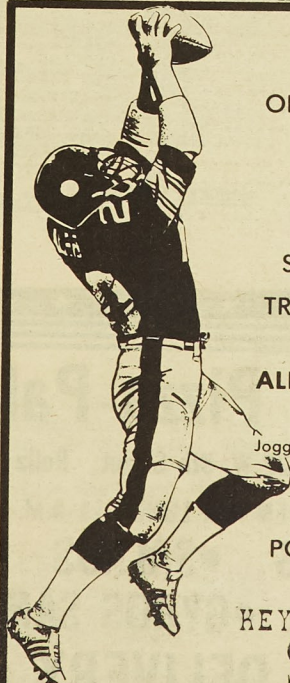
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Football Forecasts by Joe Harris

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* Home Team

FRIDAY, SEPTEMBER 21, 1979
PROBABLE WINNERS & SCORES PROBABLE LOSERS & SCORES

*West Chester State .. 21 Glassboro State .. 7

SATURDAY, SEPTEMBER 22, 1979

*ALABAMA .. 24 BAYLOR .. 7

*Albright .. 21 Juniata .. 14

*Alma .. 21 Valparaiso .. 14

*Amherst .. 14 Springfield .. 13

*Appalachian State .. 35 Western Carolina .. 13

*ARIZONA STATE .. 38 TOLEDO .. 7

*ARIZONA .. 14 TEXAS TECH .. 13

*Arkansas State .. 21 So. Illinois .. 14

*ARKANSAS .. 21 OKLAHOMA STATE .. 14

*AUBURN .. 31 So. Mississippi .. 14

*Augustana (S.D.) .. 35 Morningside .. 13

*Austin Peay State .. 21 Western Kentucky .. 20

Baldwin-Wallace .. 24 *Capital .. 7

Ball State .. 28 *Kent State .. 13

Bates .. 28 *Union (N.Y.) .. 14

Bloomburg State .. 28 *Lock Haven State .. 14

*Boise State .. 28 Akron .. 17

*BOSTON COLLEGE .. 21 VILLANOVA .. 20

*Boston U. .. 21 New Hampshire .. 20

BROWN .. 17 *YALE .. 14

*CALIFORNIA .. 24 SAN JOSE STATE .. 14

Central Michigan .. 21 *Bowling Green .. 14

*Cheyney State .. 21 Seton Hall .. 14

*Clarion State .. 28 Geneva .. 7

*Colgate .. 21 Lehigh .. 14

*COLORADO .. 35 DRAKE .. 14

*C. W. Post .. 21 Northeastern .. 14

*DARTMOUTH .. 17 PRINCETON .. 14

Dayton .. 21 *Butler .. 6

*Denison .. 21 Muskingum .. 14

EAST CAROLINA .. 21 *WAKE FOREST .. 17

Eastern Kentucky .. 24 *East Tennessee State .. 14

*East Stroudsburg St. .. 24 Montclair State .. 14

Florida A. & M. .. 17 *Grambling .. 7

*FLORIDA STATE .. 24 MIAMI (FLA.) .. 14

*FLORIDA .. 17 GEORGIA TECH .. 14

*Fordham .. 28 Rochester .. 14

*Franklin & Marshall .. 21 Gettysburg .. 6

GEORGIA .. 14 *CLEMSON .. 13

HARVARD .. 21 *COLUMBIA .. 20

Hope .. 24 *DePauw .. 7

*Illinois State .. 14 Eastern Michigan .. 13

ILLINOIS .. 21 *AIR FORCE ACADEMY .. 14

Indiana Central .. 24 *Franklin .. 14

*Ithaca .. 31 Cortland State .. 14

Jackson State .. 21 *Miss. Valley State .. 14

*James Madison .. 21 Hampden-Sydney .. 14

*KANSAS STATE .. 17 OREGON STATE .. 14

KENTUCKY .. 21 *INDIANA .. 20

Lafayette .. 21 *Davidson .. 20

*Lebanon Valley .. 24 Dickinson .. 14

*LOUISIANA STATE .. 24 RICE .. 7

Louisiana Tech .. 24 *Lamar .. 14

*LOUISVILLE .. 21 CINCINNATI .. 14

*Lycoming .. 21 Wilkes .. 7

*MARYLAND .. 17 MISSISSIPPI STATE .. 14

*Massachusetts .. 34 Maine .. 6

*McNeese State .. 28 N. E. Louisiana .. 14

MEMPHIS STATE .. 24 *WICHITA STATE .. 14

*Merchant Marines .. 14 Hofstra .. 13

*MICHIGAN STATE .. 28 MIAMI (OHIO) .. 14

*MICHIGAN .. 31 KANSAS .. 7

*Middlebury .. 28 Colby .. 14

*Millersville State .. 28 Edinboro State .. 14

MISSOURI .. 24 MISSISSIPPI .. 14

Montana State .. 31 *Idaho State .. 14

Moravian .. 21 *Delaware Valley .. 14

*Morehead State .. 24 Middle Tennessee St. .. 14

Muhlenberg .. 35 *Johns Hopkins .. 14

*NAVY .. 31 CONNECTICUT .. 7

NEBRASKA .. 28 *IOWA .. 7

*New Mexico State .. 17 Indiana State .. 14

NEW MEXICO .. 17 *HAWAII .. 14

NORTH CAROLINA STATE .. 35 *WEST VIRGINIA .. 14

PROBABLE WINNERS & SCORES

*Northern Arizona .. 28

*Northern Iowa .. 17

*Northern Michigan .. 21

*Norwich .. 21

NOTRE DAME .. 24

*OHIO STATE .. 31

*Ohio U. .. 31

*OKLAHOMA .. 38

Pacific (Calif.) .. 21

*PENN STATE .. 21

*PENNSYLVANIA .. 21

PITTSBURGH .. 21

*Puget Sound .. 24

Rhode Island .. 14

*Rutgers .. 28

*St. Joseph's (Ind.) .. 21

San Diego State .. 35

Shippensburg State .. 21

Slippery Rock State .. 14

*South Carolina State .. 28

*SOUTH CAROLINA .. 14

*South Dakota State .. 28

*South Dakota .. 21

S. E. Missouri .. 28

*SO. CALIFORNIA .. 31

*SO. METHODIST .. 28

Southern U. (La.) .. 17

*STANFORD .. 28

SYRACUSE .. 31

TEMPLE .. 31

*Tennessee State .. 24

Tennessee Tech .. 24

*TENNESSEE .. 24

*TEXAS .. 31

*Trinity (Conn.) .. 35

TULANE .. 24

*U. S. C. G. Academy .. 21

U. C. L. A. .. 24

U. Nevada (L.V.) .. 24

U. Nevada (Reno) .. 14

U. Tenn. (Chattanooga) .. 21

*U. Texas (Arlington) .. 28

*Upsala .. 14

*UTAH STATE .. 28

*VANDERBILT .. 24

*VIRGINIA TECH .. 24

*VIRGINIA .. 24

*Wabash .. 21

WASHINGTON .. 21

*Waynesburg .. 28

*Weber State .. 21

*Western Maryland .. 21

*Western Michigan .. 31

*Wesleyan .. 14

*Westminster (Pa.) .. 28

West Texas State .. 21

*Widener .. 35

Williams .. 35

Wittenberg .. 21

*WYOMING .. 17

*Youngstown State .. 35

PROBABLE LOSERS & SCORES

Montana .. 14

U. Nebr. (Omaha) .. 14

Wayne (Detroit) State .. 14

American International .. 20

*PURDUE .. 21

WASHINGTON STATE .. 7

Marshall .. 14

TULSA .. 7

*Idaho .. 7

TEXAS A. & M. .. 14

CORNELL .. 20

*NORTH CAROLINA .. 20

Pacific Lutheran .. 14

*Holy Cross .. 13

Bucknell .. 14

Olivet .. 7

*Fresno State .. 14

*Kutztown State .. 7

*Central Connecticut .. 13

Howard U. (D.C.) .. 7

DUKE .. 13

North Dakota .. 20

North Dakota State .. 20

*Evansville .. 14

MINNESOTA .. 7

NORTH TEXAS STATE .. 14

Prairie View A. & M. .. 14

ARMY .. 14

*NORTHWESTERN .. 14

*DELAWARE .. 14

Texas Southern .. 14

*Murray State .. 13

UTAH .. 14

IOWA STATE .. 7

Bowdoin .. 7

*TEXAS CHRISTIAN .. 21

Worcester Poly .. 14

*WISCONSIN .. 21

*U. Texas (El Paso) .. 14

*Calif.--Davis .. 13

*Furman .. 14

N. W. Louisiana .. 14

Susquehanna .. 0

COLORADO STATE U. .. 21

THE CITADEL .. 14

WILLIAM & MARY .. 14

V. M. I. .. 14

Rose-Hulman .. 7

*OREGON .. 17

Albion .. 7

Portland State .. 20

Swarthmore .. 7

Northern Illinois .. 14

Tufts .. 7

Indiana U. (Pa.) .. 21

*S. W. Louisiana .. 14

Ursinus .. 7

*Hamilton .. 6

*Marietta .. 7

RICHMOND .. 14

Ashland .. 7

SUNDAY, SEPTEMBER 23, 1979

NATIONAL FOOTBALL LEAGUE

ATLANTA .. 17 *DETROIT .. 13

*BUFFALO .. 24 NEW YORK JETS .. 23

*DENVER .. 17 SEATTLE .. 13

GREEN BAY .. 13 *MINNESOTA .. 10

HOUSTON .. 17 *CINCINNATI .. 16

LOS ANGELES .. 16 *TAMPA .. 13

*MIAMI .. 19 CHICAGO .. 13

*NEW ENGLAND .. 17 SAN DIEGO .. 16

NEW ORLEANS .. 16 *SAN FRANCISCO .. 14

OAKLAND .. 17 *KANSAS CITY .. 16

PHILADELPHIA .. 17 *NEW YORK GIANTS .. 16

*PITTSBURGH .. 20 BALTIMORE .. 10

*ST. LOUIS .. 19 WASHINGTON .. 17

MONDAY, SEPTEMBER 24, 1979

DALLAS .. 17 *CLEVELAND .. 16

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