

Star Wars program lacks defense power, science advisers say

By TIM AHERN
Associated Press

WASHINGTON — President Reagan's "Star Wars" missile defense program could "substantially increase" America's safety under certain conditions, but it will never be able to protect the entire country from nuclear attack, science advisers to Congress concluded yesterday.

A study by the Office of Technology Assessment said the United States would need "great technical success" in its research program along with a change in the Soviet Union's strategy to also emphasize defense rather than offense.

A companion OTA study raised new questions about U.S. anti-satellite, or ASAT, weapons and cautioned that while this country may lead now in a technology field related to Star Wars, the Soviets are likely to catch up.

"What this means is that after spending billions and billions of dollars, we could find that we have bought ourselves greater instability than the world has ever confronted in the atomic age," said Rep. Les Aspin, D-Wis., chairman of the House Armed Services Committee.

The 324-page study of the Star Wars program, which is known formally as the Strategic Defense Initiative, was done at the request of Aspin's panel and the Senate Foreign Relations Committee. Release of the report comes in the midst of a debate over the place of the high-tech missile-interception program in the nuclear balance between the two superpowers.

The SDI program "carries a risk" that it could start an entirely new arms race and could create "severe instabilities" if it made the Soviets think the United States was seeking a first-strike capability, the study suggested.

The study concluded that while anti-missile weapons could "substantially increase" the safety margin in a nuclear attack, "assured survival of the U.S. population (the 'Astrodome' defense) appears impossible to achieve if the Soviets are determined to deny it to us."

That is because any U.S. defense could be countered by Soviet offensive maneuvers that would likely insure that some attacking missiles would make it through the American shield, it said.



Up on the roof

David McCarty, an employee of Engleton Construction, puts an awning on a store in the Southland Shopping Center yesterday

afternoon. The repairs were part of an exterior renovation planned at the shopping center.

Fear of disease prompts thousands to flee Mexico City ruins

MEXICO CITY (AP) — Thousands fled the city yesterday, fearing disease from polluted water and decaying bodies. Others watched rescuers pull survivors from earthquake debris that had imprisoned them for days, praying to see relatives.

Workers dug and listened on ultrasound equipment, specially trained dogs sniffed and panned in the desperate effort to find the estimated 1,500 people still buried before it is too late.

Cheers are raised for every victory, when someone who thought his trip was his grave is pulled to safety.

The latest official count put the death toll at 3,000 from the two major earthquakes that struck the heart of the city last Thursday and Friday.

The latest official count put the death toll at 3,000 from the two major earthquakes that struck the heart of the city last Thursday and Friday.

The city government said 7,100 people were injured and 600 remained in hospitals.

An estimated 300,000 are homeless, and only about half have found temporary shelter. The others huddle in parks and streets, or have left the city to seek help from friends and relatives outside the capital.

Health officials said there was no severe threat of epidemic from contaminated water and decaying bodies that either are caught in the rubble or awaiting burial. They advised

residents of the city to boil drinking water.

Health workers fumigated badly damaged buildings and devastated areas to stop any spread of disease from the corpses underneath.

Survivors visited Roman Catholic churches, lighting votive candles for the dead, many of whom are being buried in mass graves.

Detours and blocked streets tied up the normally heavy traffic until it approached gridlock in this huge urban sprawl of 18 million people.

The city attorney's office said bodies could not be taken outside the city for burial, and told families to take them to one of three public cemeteries.

An intern was rescued from the wreckage of the Juarez Hospital on Monday morning. Four doctors and a patient were dug out later in the day.

French and Swiss teams still were trying yesterday to reach Dr. Gilberto Lozano Saldivar, chief of the hospital teaching staff and other

staff members. He was believed to be trapped with a class of medical residents that was in session when the first quake destroyed the 12-story building on Thursday.

A team member said there was voice contact with Lozano and others trapped in the ruins, hopes of reaching them were strong, and "everything is going well."

Famous tenor Placido Domingo, looking haggard, continued his vigil at the remains of a building in which four of his relatives had lived.

Novelist joins English faculty

Writer brings experience to classroom during one-year stay

By DAVID ROTKINS
Contributing Writer

Percival Everett, a visiting assistant English professor, has written three novels, has a fourth on the way — and he's only 27.

"Percival Everett is one of the most promising young novelists in the country," said Robert Hemway, English department chairman.

"We are very happy to have him with us here at UK. Everett will spend this year at the University, teaching courses in creative writing and Afro-American studies in the fall.

His classes are small, he prefers it that way. "I really enjoy teaching and I think small classes are more effective."

UK is not Everett's first attempt at sharing his literary knowledge with others. After he obtained his

undergraduate degree in philosophy at the University of Miami, Everett taught ethnic studies, which were surveys of literature and folklore, while a graduate student in philosophy at the University of Oregon.

He then was offered a fellowship to Brown University, where he continued to teach and obtained a master's degree in the writing program.

Writers need to have something to say in their works, he said. However the writer conveys his message — whether through entertainment, fright, humor or other methods — it is important to communicate it to the reader.

Although all his work is fictional, Everett said his books are concerned with moral clarity. He said when he begins a new book, he usually has already developed a general framework concerning a plotline.

But in any given situation, a character can take several options, he said. "A writer is essentially God when deciding where to go with a character."

Everett's first novel, which was published by The Viking Press in 1983, was called *Suder*. The book deals with a professional baseball player who thinks he may have inherited his mother's insanity.

Although it took him only four months to write *Suder*, Everett said he isn't as close to this book as his others.

Everett's second book *Walking Me to the Distance* concerns a Vietnam veteran who adopts a family in the West.

"His book *Walking Me to the Distance* is particularly good," Hemway said. "He has a real talent for creating characters and landscape."

Cutting Lisa is about a retired



PERCIVAL EVERETT

physician who lives in Oregon. The character finds himself in a desperate family situation and must make a moral decision.

"Although you can't walk into a Walden's, the McDonald's of book stores, and get one of my books, they can be ordered," Everett said.

Free chauffeur service to operate tomorrow

By EVA J. WINKLE
Contributing Writer

Pi Beta Phi sorority and Sigma Nu fraternity, in conjunction with the "Tap Out" Chauffeur Service will offer free taxi service tomorrow for students too inebriated to drive.

The service, based in Great Scott's Depot, will operate from 9:30 p.m. to 2 a.m. Students will be able to call Great Scott's and have a car sent to a bar or party to take them home.

Kim Day, Pi Phi president, said the service normally charges \$10, but it will be free to students tomorrow night.

She said the main goal of the venture is not to make money for either organization but to let students know about the service.

James Cornet, director of "Tap Out," said students have no reason to drive home intoxicated because "without us, you're giving the drunk

driver an excuse to go out and hurt someone."

Cornet started the service in October 1984, in response to what he saw as a need in the community.

With the stricter penalties for people caught driving under the influence of alcohol, Cornet says his service is a way to avoid the consequences.

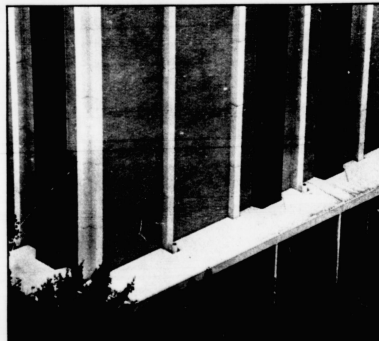
Cornet said the goal of tomorrow night's "Tap Out" program is "to get people that are making money off the alcohol to get involved offering this as community service."

Depot owner Court Bradberry agreed. "What we want to say is, yeah, you can go out and drink, but there are resources for a safe evening."

Members of Students Against Drunk Driving, as well as members of several sororities and fraternities, are expected to attend. The number to call for a "Tap Out" cab is 273-1283.

Fall down shelter

Not-so-unsightly tower canopies doing their job without attracting unnecessary attention, residence hall dwellers say



Canopies on Blanding and Kirwan towers have proven to be an effective way to ensure the safety of residents.

By CATHY MEDLEY
Contributing Writer

The canopies surrounding the twin towers at the Blanding-Kirwan Complex may provide shelter from the rain and a place to chain bicycles, but their primary purpose is to keep bricks from falling on students' heads.

Falling bricks are no longer a potential threat to students and the wooden canopies are not the eyesores they were envisioned to be, thanks to the handwork of Zubank and Steele Construction Company.

When an 8- to 10-foot section of bricks buckled from the north side of Blanding Tower last spring semester, George Ruschell, assistant vice chancellor for auxiliary services, proposed that protective canopies be built around each tower.

"We decided right then and there that we had to do something about this," said Gene Williams, assistant vice chancellor of business.

The construction company, which received the project through a bidding process, erected the canopies last summer at a cost of about \$35,800, Williams said.

When news of Ruschell's suggestion circulated around campus, some students thought the structures would detract from the appearance of the complex. But after seeing the finished product, many students have now changed their opinions.

"I thought the canopies were going to be really ugly, but seeing them now, they're not that bad," said Alisha Young, a finance junior who lived in Blanding Tower last year.

In fact, Mike Ekman, a resident adviser in Kirwan Tower, said the structures actually improved the looks of the buildings.

"It makes the towers look nicer, and may even heighten the value of them."

Many new residents in both towers did not even notice the canopies, and the few who did thought the wooden structures were shelters from the rain.

"I was too overwhelmed by the city and campus to even notice," said Kirsten Opydke, a psychology freshman who lives on the 21st floor of Blanding Tower.

Despite the faulty bricking, fresh-

men and residents don't seem too apprehensive about living in the towers.

"It's going to take more than a few falling bricks to make a building of this size come falling down," said Robert Bonzo, an engineering freshman.

Williams said repairing the twin towers will cost the University about \$1.3 million and the repair work may take up to 15 months to complete.

The University is now in the process of conducting a three- to four-month study of possible solutions to the problem, Williams said. The University has placed advertisements in newspapers for expert consultants.

Williams said UK plans to hire at least two consultants to independently analyze the situation and determine the cause and the remedy.

Although Williams said the solution probably will call for a total replacement of the bricks, he did not think the repair work would require the evacuation of the two residence halls.

Workers probably will methodically take one face the building and

isolate it off, he said. This process would allow campus life to continue as usual for the residents of the tower.

INSIDE

The UK campus has become much safer since the murder of a student on campus last year, officials. For a special look at campus safety, see ENTERPRISE, page 3.

Pete Fountain, a clarinetist, will perform at UK on Saturday. For a preview, see DIVERSIONS, page 2.

WEATHER

Today will be sunny, followed by increasing cloudiness by mid afternoon with the high will be in the mid 60s. Tonight will be continued cloudy with a 60 percent chance of rain and the low around 50. Tomorrow will be cloudy with a 60 percent chance of rain and the high in the mid 60s.

DIVERSIONS

Fountain of jazz

Homecoming weekend features Pete Fountain concert at Center for the Arts

By KENT MOORE
Contributing Writer

Pete Fountain will kick off the post-game activities of homecoming weekend with a New Orleans-style jazz concert Saturday night.

Fountain's second Lexington concert in almost twice as many years should be well received by Lexington fans already acquainted with the reputation of this hepcat clarinetist of the 60s.

But in the jazz-starved Bluegrass it is likely that jazz enthusiasts, impressed by the jaded confines of popular music, may not be savvy to the musical excellence of Pete Fountain.

Downbeat refers to Fountain, who with his eight-piece band blends the obligate style of Bourbon Street Jazz and the complicated cadences and polyphony of Dixieland music, as perhaps the best-known jazz professional in the nation.

Peter Dewey LaFontaine, Jr., 55, was born three years after Duke Ellington's 1927 debut at the Cotton Club in Harlem. While the bands of Benny Goodman, Artie Shaw, Glenn Miller and Tommy Dorsey were swinging in the 40s, Fountain was listening and learning, developing his now famous "Fat" clarinet sound while playing on a street called Bourbon.

Fountain is an untimely addition to the Dixieland scene, despite his success as a Bourbon Street jazzman. The highly publicized music of the swing era, and later the underground development of bebop, paralyzed Dixieland into near obscurity.

By the time Fountain was refining his musical skills, Dixieland gigs were becoming scarce — even in New Orleans. There was more work in Chicago for Dixieland musicians. Fountain joined the exodus north where he played with the Dukes of Dixieland, only to return to New Orleans to leave the unprofitable music profession.

Not until 1956 did Fountain re-entire in the ranks of jazz greats. His climb to the top started with a televised appearance with the Lawrence Welk Orchestra, which led to a two-year stint with the Hungarian orchestra leader.

Today, Fountain plays his LeBlanc clarinet for the enjoyment of both the young and the young at heart. He appears regularly on the Tonight Show, mesmerizing the audience with such tunes as "High Society," "Wolverine Blues" and "The Saints."

His famous Bourbon Street Club in the New Orleans Hilton has been his home stage since the hotel's 1977 opening. The club nightly boasts capacity crowds, eager for the early

1900s atmosphere that reflects a New Orleans alive with the hot jazz sounds of Bunk Johnson, Louis Armstrong and "King" Oliver.

When Pete's not home playing his fans into a euphoric frenzy, he is busy with television and concert appearances, and recently added a new LP, *Jazz Reunion*, to his impressive discography.

But Saturday night Lexington is holding Pete Fountain hostage for a ransom of jubilant rhythmic New Orleans music from a time long ago.

He will perform Saturday night at 8 in the Concert Hall of the Center for the Arts. Tickets are \$8 for students, \$15 for the general public. For further information call 257-3145.

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ENTERPRISE

Scott Ward
Special Projects Editor

Campus safety update

More than a year after the murder of a graduate student, officials say campus is safer . . .

By SEAN ANDERSON
Contributing Writer

Last Friday, Elsie Alexander Morton was sentenced to life imprisonment for the June 9, 1984 murder of UK student Lin-jung Chen, bringing to a close one of the most tragic incidents in the University's history.

In the wake of that crime, many questioned the extent of campus safety. Perhaps never before had the security measures at UK been so closely scrutinized, and now, more than a year later, some improvements have been made.

Authorities seem to agree that UK is now a more secure place than it was a year ago. Student Government Association President John Cain, who last year spearheaded a task force to improve safety, said that while there is still some worry, he was "sure the three-year plan will alleviate concern."

That three-year plan was the project UK began last year to improve security. Under the plan, approved by Art Gallaher, chancellor for the Lexington campus, UK allocated \$400,000 to make the campus safer.

Last summer, two committees were formed to study the problem. One, the Special Task Force on Campus Safety, was composed of a cross-section of UK community members and chaired by Cain, then SGA senior vice president.

Based on its study of students, faculty and administrators and a nighttime walking tour of the campus, the task force made several recommendations concerning campus safety, as did the Commission on Campus Security and Safety, chaired by Dick Barbella, Lexington campus budget director.

Both groups suggested an extensive lighting system along walkways and in dark areas, better security in campus buildings, better maintenance of existing security — such as locks on windows and doors of campus buildings — and increased visibility of campus police.

In addition, the Special Task Force proposed the installation of emergency call boxes on walkways and the formation of a permanent university committee on personal safety.

One of the top priorities of the three-year plan has been the installation of lights. According to the Task Force's report, there are several areas around UK where people feel unsafe because of inadequate lighting (see map below). That problem is being corrected, Barbella said.

Recently, lights were installed in Dickey Hall parking lot, along Complex Drive and Cooperstown streets and around the Reynolds Building.

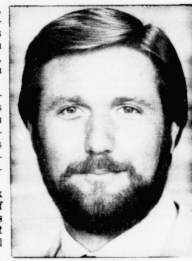
Lights in front of Taylor Education Building and Dickey have been constructed but are installed yet.

There also are temporary lights on sorority row, but they will eventually be made permanent, Barbella said.

During this fiscal year, Barbella said that funding should be available to expand the lighting project to in-



Photo illustration by J.D. VANHOUSE/Kentucky Staff



WALTER SKIBA

clude the Complex walkway, Shawneetown, Huguette Avenue, University Drive, the engineering quadrangle and Donovan Drive.

In its third year, the plan calls for additional lights around Erickson Hall, Alumni Gym, M.I. King Library, the Fine Arts Building and Memorial Coliseum.

While lights may be the most noticeable improvements, there are other, more subtle improvements planned. Barbella said that by the end of the three years, there should be phones in all elevators.

There also are several buildings on campus which will receive crash bars on the doors. This will enable the doors to be locked to the outside after dark, but people inside will be able to get out easily.

Security screens are scheduled to be installed on the windows on the lower floors of the Reynolds Building, along with bars for basement windows and other easily accessible entryways. Also, improved locks are to be installed where they are needed on doors and windows.

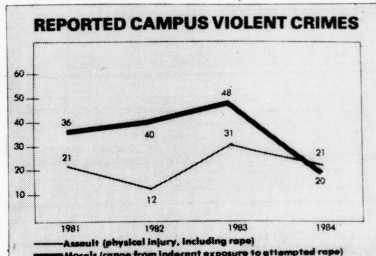
Barbella said many of the deficiencies his commission has found could be corrected through better maintenance, and the Physical Plant Division has recently informed him that all items on the normal maintenance list, such as locks and lights, are repaired.

Several individual UK colleges also have taken steps to make the campus safer. Walter Skiba, director of the Human Resources Division, said many buildings now have only one entry after dark and that there is a sign-in/sign-out system in effect at that entrance.

He also said that UK police have added three walking night patrols in the past year to supplement their regular night shifts, and there are now two security squads in Patterson Office Tower.

Barbella added that some colleges, such as Agriculture and Engineering, have hired security guards to patrol their respective complexes and the president's and chancellor's offices have funded a security guard for the Chemistry-Physics Building.

The campus police force itself is taking steps to improve its visibility on campus and provide better security. Skiba said that not only have there been three more positions added to the staff for night patrols, but existing patrols stop at dorms



SCOTT WARD, Special Projects Editor

and increase visibility by "developing personal contacts."

Skiba said the UK officers possess an "understanding and empathy for what the University is about."

Each officer is certified and must complete the basic training course approved by the Kentucky Law Enforcement Council. This course is the same one all municipal police officers in Kentucky must take and is given at Eastern Kentucky University.

Officers must participate in 400 hours of training and successfully complete all assignments to pass the 10-week course.

Skiba said the goal of the campus police is different than that of regular police forces. UK police provide

more of a "security and protection" service and try to provide a safe environment "without compromising the academic freedom of the University," he said. Their main concern is preventing crime from happening.

"If an offense occurs," he said, "the police will make an arrest but they work to prevent an offense from occurring."

Statistics indicate that all this attention to security over the past year has had an effect. Overall, crime on campus has gone down over the past couple of years, according to a list compiled by the UK police (see graph).

The number of assaults, which include rape and cases where physical injury occurs, was 31 in 1983, 21 in

. . . but assault victim advises students to take precautions

By TIM JOHNSON
Senior Staff Writer

On that Thursday morning last July, Tina awoke at 5:30 a.m. after hearing noises in her second-floor, two-bedroom apartment, located in a prestigious complex where several UK students resided.

Her roommate was gone for the evening, but the hallway light was on. She remained awake for several minutes staring at the light and listening. The light suddenly went off.

A new light appeared. The flashlight was shining in her eyes, blinding her from her attacker.

Tina was lucky. Her attacker never got the chance to accomplish his goal. But the emotional scars left from that night remain with her today.

Her name has been changed, but the nightmare remains the same — Tina was attacked in the security of her own apartment.

Tina graduated from UK in 1982, but still works on campus today. She remembers the risks she took while attending college, such as walking alone after midnight on campus or from a friend's house. The thought — the fear — of being attacked never crossed her mind. Until last year.

I got home fairly early that night and went on to bed. I remember that I didn't take any risks that night. My roommate had left for the evening, so I was alone, but that didn't bother me.

At about 5:30 a.m., I woke up and heard noises. I also saw the hall light on. I was still out of it, just waking up, and I wasn't sure if my roommate had come home or if I had left the light on.

I then saw someone standing by the door, but I just couldn't believe anything was happening. Then the light I had been staring at went off. That's when I thought I might die or something really bad was going to happen.

Since Friday's sentencing of Elsie Alexander Morton, the murderer of a UK graduate student, campus security has, once again, become a prevalent topic of discussion for many students. However, the majority of students who were asked about their safety at UK responded with a false sense-of-security attitude.

"I'm always thinking about it, and about the students on campus who don't believe this can happen. I just hope they realize it can. I didn't learn in time."

"I feel very safe on campus," said Ruby Shipley, a history graduate student. "I don't think anyone is going to jump out of the bushes and grab me. Anyway, I'm mostly here in the day, so I don't have to worry about nighttime situations."

Even though I was really scared, I couldn't believe how calm I was. After the light had gone off, another light came on. He had his flashlight turned on me and I couldn't see. Even after he was right in the room with me, I couldn't believe anything was happening.

Just then, he got on top of me, but I was able to pull my knees up so there wasn't much body contact. I remember saying, "Please don't hurt me." He then stuffed a towel in my mouth and hit me with his flashlight, but it was awkward. The towel cushioned the flashlight, so it really didn't hurt too bad.

We struggled, and I screamed and kicked. I was able to pull the towel out of my mouth and I started screaming as loud as I could, but they still sounded real muffled. He stopped for a second and just looked at me. He then jumped up and took off. After it happens is when you really panic.

Many students echoed Tina's previous thoughts that "it would never happen to me" or the "thought (of being attacked) never crossed my mind." "I've never really thought about it," said Karen Brown, a journalism freshman. "To me, campus is safe. It's not like I'm going to do anything stupid like walk alone at dark anywhere."

After he ran out, my first thought was, "I didn't do anything for this to happen. Why? Why did it have to happen?"

I was still terrified, and I ran to open the window and yelled, "Please come help me!" I yelled so loud that I couldn't talk for nearly a month after it happened.

I then went to the front door and saw it was still locked. I also saw the sliding glass door was locked.

I really started to panic then, because I thought he was still in the apartment somewhere.

Finally some neighbors and I called the police, but I never did get back in there. I was in shock for the rest of the day. I don't remember fighting him so much, but I was so sore.

I was also mad. I kept thinking, "I didn't do anything to take chances." The reality started soaking in. It's pretty bad if you can't even sleep in your own apartment.

Although most students believe that campus is relatively safe and neglect simple precautions, others use their fear and apprehension to their advantage by avoiding dangerous situations.

"I don't walk at nighttime unless I'm with three or more people," said Mary Ellen Thompson, a math and education sophomore. "Yeah, campus is fine and safe at day, but it's really scary at night."

"I only walked home once at night, from the (M.I. King) library to like Boyd Hall, and I cut through a shortcut with no lighting. I said to myself, 'Never again.'"

I think my future will be fine. You can't help but go on. But now I know it can happen any time. No one thinks it will happen to them, but lots of people are attacked.

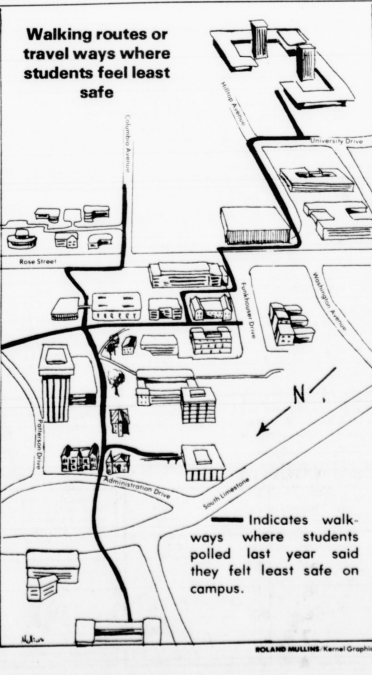
Everyone should be concerned. When I used to walk on campus at night, I used to think it's stupid to think about it. Too many think it won't happen. That was me. I was lucky though, but most aren't.

It changes your life. I don't even know where the hell he is, but my whole life changed after that, and he probably just found someone else to attack. I'll probably hate him forever. All I can hope is that he will never forget my scream that night. I just hope he'll always hear it.

Tina had to pay the price of attack before learning that assault at home or on campus is a very real threat. No matter the surroundings or the promise of safety, the threat is always there.

Tina said she hopes this story of her own encounter will alert UK students to the constant possibility of attack. The chance is always there, but with awareness, it is diminished.

After a year, I'm doing a lot better. Now when I talk about it, I don't relive it. But I'm always thinking about it, and about the students on campus who don't believe this can happen. I just hope they realize it can. I didn't learn in time. No one ever told me to be careful.



Indicates walking routes where students polled last year said they felt least safe on campus.

ROLAND HULLINS/Kentucky Graphics

Kentucky Kernel VIEWPOINT

Established 1966

Independent since 1971

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Sacha DeVroomen
Managing Editor

Fran Stewart
News Editor

Alexander S. Crouch
Editorial Editor

Judge's acceptance of Morton sentence boosts jury system

Elzie A. Morton undoubtedly breathed a sigh of relief Friday when a Fayette Circuit Court judge imposed the jury's recommendation for life imprisonment and spared him death in the electric chair.

A question in law spared Morton's life, but Kentuckians who think that another criminal has escaped his just desserts should not be incensed. Judge Armand Angelucci's decision substantially affirms the community's right to judge transgressors.

Morton's life had been resting on the decision of Angelucci, who was attempting to interpret a Kentucky statute that is obviously unclear. The statute states the jury will decide innocence or guilt and recommend a penalty to the court, which shall impose the sentence.

The question seems to lie in just what the terms "recommend" and "shall" mean. The statute does not explicitly say whether the judge's power to impose sentence means he can overrule a jury's recommendation for life and raise the sentence to death, although he can reduce sentences to life.

Prosecutors in the case called for jury trial and judge sentencing while defense attorneys maintained the sentence should be set by a jury.

Luckily for Morton, Angelucci did not find the prosecution's argument persuasive enough to rule in favor of judge sentencing in such a case, despite his contention that, if ever the death penalty were appropriate, Morton — found guilty of aggravated murder, rape and sodomy and with a prior rape conviction on his record — would deserve it.

The system of checks and balances within the statute does not give one man the power to impose the death sentence. One hopes that Angelucci's decision will set a precedent, at least in capital cases, giving power to the community, embodied in the jury, to withhold capital punishment. Certainly this point pregnant with legal dispute needs clarification.

There should be no question in law that holds a man's life or death in its balance.

Letters policy

Persons submitting letters and opinions should address their comments to the editorial editor at the Kentucky Kernel, 112 Journalism Building, Lexington, Ky. 40506. All material must be typewritten and double-spaced.

To be considered for publication, letters should be 350 words or less, and guest opinions 350 words or less. Writers must include their names, addresses, telephone numbers and major classifications or connection with UK.

Editors reserve the right to edit letters for clarity, style and space considerations as well as the elimination of libelous material.

LETTERS

Don't blame bus driver

In response to a column in the Kentucky Kernel on Sept. 16, I have this to say UK, of course, could and should do something to improve the bus service. However, the drivers shouldn't be blamed for all the problems.

Have you tried to stay on a time schedule while moving through Lexington traffic? It's not easy. As a matter of fact, it's almost impossible in the mornings from 7 to 9 and in the afternoons from 4 to 6.

The time it takes to make a complete trip around campus on a north campus bus in 27 minutes. How and why would it take three buses 40 minutes to make a single trip? Staying on the schedule is not easy. With crowded buses and wheelchairs to unload, an empty bus will easily catch up to the crowded one. Then, a driver will take a break in order to separate the buses and get back on schedule.

If students are in a hurry to get to class, the drivers will take them no breaks. I know this because my father drives a north campus bus in the morning.

Instead of complaining about how the drivers aren't doing their jobs, we should appeal to those with authority to bring in more buses to help the drivers do their jobs — get students to class on time.

UK should make Lexingtonians proud, not regretful, to have us here.

Tracy L. Haddin,
Mathematics junior

Don't smoke

I'm glad James A. Stoll wrote about smoking. I took anti-stimulant for years because a person in a higher position where I worked kept a cigarette going constantly. I quit the job and became a UK student.

I spent intermissions at my seat in Memorial Coliseum, Guignol Theater and the Center for the Arts because I couldn't breathe anything but smoke in the lobbies. I sat to one side in the back of my theater classes in the Lab Theater because of smoke. In spite of butt cans used by professors and students, the floor was always filthy with ashes.

I sat by an open window in music

class to get fresh air because the professor couldn't go an hour without a cigarette. I had to close the window because someone got chilly.

I sat through sociology and French classes where the teaching assistants smoked. I tried to eat in the Student Center cafeteria where No Smoking signs were posted, but usually only one table was "clean," and smoke from the next tables made eating a misery.

I quit going to my church choir because some other members could not go an hour without smoking. Thank you for Not Smoking signs were ignored. I lost three of my dearest relatives who had heart problems. Against doctor's orders they smoked themselves to death.

I get caught between smokers in the checkout lanes at the supermarket. I've met or slept in hotel and motel rooms where the furnishings reeked with stale smoke.

There is a bright side. A few good eating places have no smoking sections, as do airplanes, and I know of more people who are quitting the habit. Almost anyone can. A seat mate on a plane told me he quit cold one Christmas because his teen-age daughter begged him to, as the only

present she wanted was for him not to die. Maybe "a child can lead us."

R. Hopper,
Donovan scholar

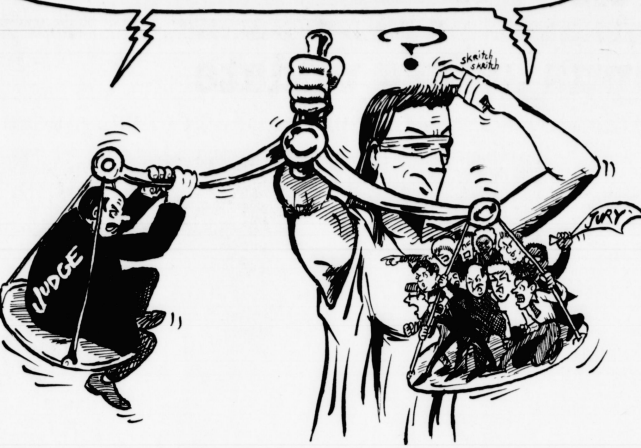
Winner's thanks

I write to thank the Kentucky fans on behalf of Bowling Green State University. We were very impressed indeed by the kindness and hospitality shown to us by the UK administration, particularly President Otis A. Singletary, by the staff of Commonwealth Stadium, who were courteous and helpful above and beyond the call of duty to our team and our fans; and to the fans themselves in Commonwealth Stadium. My wife and I and many other Bowling Green people were invited to join tailgate parties both before and after the game, and uniformly we were treated well.

Again, on behalf of all of us from Bowling Green, thank you for a fine afternoon filled with Kentucky hospitality.

Paul J. Olscamp,
Bowling Green president

SAY--WHOSE DECISION IS THIS, ANYWAY?



FarmAid effort raised a crop of ironies

"The big boys they all got computers. Got incorporated, too. Me, I just know how to raise things. That's all I ever knew. Now it all comes down to numbers. Now I'm glad that I have quit. Folks these days just don't do nothin' Simply for the love of it."

Don Henley
from "A Month of Sundays"

For days after the Live Aid concert, pop music fans were still talking excitedly about the show, filling each other in on the parts they'd missed and just generally trying to relive the event.

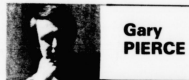
In the days after FarmAid, rock fans are still trying to figure out why they didn't know it was going to be a rock show.

Maybe it was the name, maybe it was the way the media billed it or maybe folks figured anything Willie Nelson had a hand in just had to be too twangy to tolerate.

Or maybe people just couldn't believe that anybody who cares enough about the American farmers to donate time and talent to their cause could possibly know how to rock 'n roll.

However it happened, it seems as if entirely too many rock fans are still kicking themselves for not knowing that if they had just tuned in to cable's Nashville Network or WGN or even local WYLT-TV Channel 27 Sunday night, they could have seen Billy Joel perform "Sail Away" with Randy Newman, or Sammy Hagar slash through a chain-saw version of Led Zepplin's "Rock and Roll" with Van Halen, his soon-to-be bandmates.

The musicians performing at the "concert to keep America growing"



Gary PIERCE

What matters about FarmAid was what was supposed to have mattered about Live Aid.

ranged from Lou Reed, John Cougar Mellencamp and Daryl Hall to Waylon Jennings, Alabama and Merle Haggard.

Toss in the Blasters and Loretta Lynn, the Beach Boys and Johnny Cash plus a set featuring Bob Dylan doing an acoustic guitar solo in the middle of a high-voltage version of "Maggie's Farm," and you not only have a concert bill that won't be topped this side of Judgment Day, but you have as accurate a representation of American culture as any pop concert could provide.

Meanwhile the dictates of commercial television held their usual sway, as each group's set was interrupted in the middle for a few words from your friendly, sympathetic sponsors. And naturally the television hosts for the show were careful to disavow any political comments the performers made on stage.

But when it came right down to it, you could take your pick of ironies Sunday night. Which was more ironic, the fact that most of the 64,000 fans in the stadium probably never gave a thought to farmers before Sunday, or that everybody involved with FarmAid knew going in that the show couldn't possibly raise enough money to make so much as a dent in nationwide farm debts?

Well, this is America, after all, and we're used to seeing irony on our TV screens. What matters about FarmAid was what was supposed to

have mattered about Live Aid. The show was meant to make the public aware of a desperate situation.

Somehow Live Aid itself seemed to become more important than its cause, as we were constantly reminded of the technology required to telecast the dual concerts to every corner of the planet. We were left more impressed with Bob Geldof's concert organizing prowess than with the severity of global starvation.

By its comparative simplicity, FarmAid probably did more to raise the consciousness of those who saw it than Live Aid could have hoped to do. This time there was considerably less flash and immeasurably more substance, as one performer after another took time out from the music to remind viewers of the reason for the show.

The final irony may be that America, once the world's agricultural leader and a nation that valued the laborers of those who worked its soil,

is in danger of losing its longest-standing and perhaps most important tie to the earth: the family farm.

Maybe the industrialized farms are superior than those run independently, and then again maybe they aren't. The relative merits of each don't amount to a hill of beans when it comes to telling a fourth-generation farm family that they have to pack up and move out because a world full of starving children just doesn't need their efforts anymore.

From the farmer's point of view, that must be a tough situation to figure out. Of course, it may not be any tougher than trying to figure why so many rock fans tuned out the notion of a concert to benefit farmers as something which couldn't possibly interest them.

Arts Editor Gary Pierce is an English graduate student and a Kernel columnist.

Non-smoking majority should unite, burn foes

All right! I've been holding my breath for too long. It's time for me to speak out now that James A. Stoll "cleared the air" in the Sept. 16 Kentucky Kernel. But, unlike Stoll, who only wants restraint by smokers, I favor burning the smokers!

Yes, you read that right. I want genocide by combustion, trial by fire, banishment in a blaze and eradication in a conflagration. We must stop smoking via scorching, searing and singeing the smokers to their deaths and by the seven other synonyms I found listed in my thesaurus.

Actually, when done in private, the smoking of cigarettes has little or no effect on the health of non-smokers. For this reason, many people have come to believe that smokers should not be burned en masse.

Well, suppose some group of students was roaming the campus engaging in cannibalism. If cannibals want to dine with their fellow students (as the main course), should we pass judgment on them and try to stop them? Of course we should, and it is not just because our mostly non-cannibalistic campus is upset because we cannot enjoy chowing

Editorial Reply

Smokers are a menace to society and must be eradicated by roasting . . . for society to survive.

down on our roommates and resident advisers.

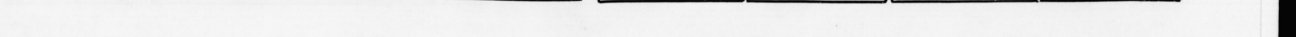
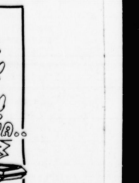
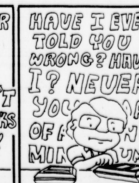
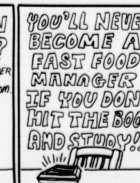
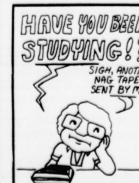
Back to the main point. Cigarette smoke is bad for the health of non-smokers. The people with the propellers know this but keep on puffing anyway. Since smokers are intentionally harming non-smokers, punitive action is necessary and broiling is the obvious method by the principle of "lex talionis." You know, "an eye for an eye, a lung for a lung" or something like that.

Smokers are a menace to society and must be eradicated by roasting (my last synonym) for society to survive. Most Americans find cigarette smoke offensive and will gladly burn the smokers, especially when reminded that kissing a smoker is just like licking a big moldy, greasy slab of pork fat, served up in a dirty ashtray. Bon appetit!

Kevin Ternes is a physics junior.

BLOOM COUNTY

by Berke Breathed



SPORTS

Willie Hiett
Sports Editor
John Jury
Assistant Sports Editor

Shannon may be Cats' 'rah-rah' savior

By WILLIE HIATT
Sports Editor

Coach Jerry Claiborne's search for enthusiasm among his Wildcats may have ended — he's found him.

Meet John Shannon, a sophomore defensive tackle who became so excited in the 16-10 victory against Tulane last Saturday that he hyperventilated and didn't even see the last four minutes of the game.

At 6-foot-3 and 250 pounds, Shannon appears to be the Wildcats' best answer to last year's "rah-rah" leaders Cam Jacobs and Frank Hare. As Claiborne said, "They were a little crazy, but sometimes it's pretty good to have some crazy people around."

Now he's got Shannon. "I'm really intense," Shannon said yesterday. "If I couldn't get that excited, it wouldn't be as fun to play."

Why, with Shannon around, it's almost impossible to believe the Wildcats could ever lack excitement, as was the case in their loss to Bowling Green. Now, willingly or not, Shannon has been thrust into the role of the emotion builder.

"I welcome that kind of role," he said. "I've pretty much played it all through my career. I've always been enthusiastic."

Nonetheless, he said he hasn't had a problem with hyperventilating since seventh grade when he played pee-wee football in Boone County. Then, it wasn't unusual for the referee to carry a paper bag around for him to breathe into.

"This is the first time I've been that excited," Shannon said. "Now, it's fun being in the SEC and doing well."

Shannon, who is splitting playing time with sophomore tackle Jerry Reese, shared Kentucky's defensive

linemen of the week award with senior defensive end Brian Williams.

In the Tulane game, he is credited with a sack against quarterback Ken Karcher, a "knock 'em back" (hitting a running back in the backfield), and just good effort.

After graduating from Boone County High School in 1983, Shannon came to UK as a walk-on and redshirted his freshman season. Following the LSU game last year, he was granted a scholarship on the basis of availability, meaning it would be renewed if there were enough to go around.

Even though he didn't find out that his scholarship had been renewed until just before school started, it's hardly tarnished Shannon's image.

"I think the crazy-person image is not being conscious of the world around you but just the game you're in," he said. "I just have fun."



JOHN SHANNON

Players of week announced

Staff reports

Center Ken Pietrowiak, full-back Chris Derry, defensive end Brian Williams, cornerback Maurice Douglass, all seniors, along with sophomore defensive tackle John Shannon and fresh-

man punter Jay Tesar, were honored as outstanding players in last Saturday's 16-10 victory over Tulane. Derry also leads the team in "Cat Paws" honors with eight credits after last week's performance.

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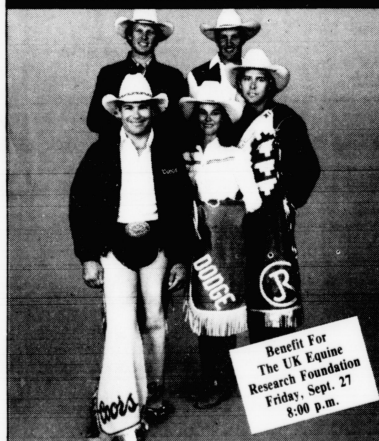
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OCTOBER 1985

VOL. IX, NO. 1

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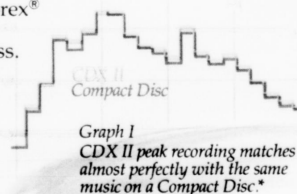
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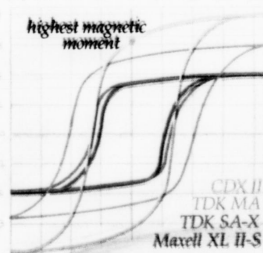
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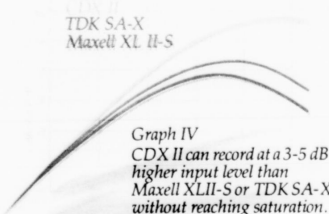
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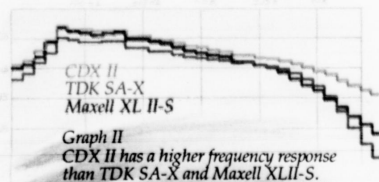
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IS IT LIVE OR IS IT MEMOREX



Editor's Note

Welcome back to a new school year and to the *NEW Ampersand*. You may notice some changes: more articles on campus issues and lifestyle, and even campus crazes, to keep you informed. But we haven't forgotten that students like to have fun too.

We'll soon be bringing you *Ampersand's College Entertainment Guide* to give you the latest up dates on movies, music, television, your favorite comedians and the new action in games.

This year *Ampersand* wants to publish as many articles as possible by **student** journalists. If you think you have the write stuff, send samples of your work and your story ideas to me at **303 N. Glenoaks Bl., Suite 600, Burbank, California, 91502**. Good luck in the coming school year!

Charlotte Wolter
Editor



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REPORTS FROM ALL OVER

From the "College Life Is Hell Dept." comes news that Saturday morning Bugs Bunny cartoons were watched by 82% of students surveyed by a Radford U. business prof. Roadrunner was close behind, with Scooby Doo a distant third.

Darn those radical kids! Asked to name their heroes, U. of Wisconsin-Madison students picked their parents. Mom got six times the votes of

any other heroine, and Dad got twice the votes of the runner up, Jesus Christ. Mother Theresa and Jane Fonda tied for second among heroines.

When Colorado State raised its tuition, students didn't wave placards. They protested by handing out applications to schools that have lower tuitions than CSU.

We are the world, we are the students. Student Public Interest Research Groups, a Ralph Nader spin-off, spent the summer gearing up for fundraising and hunger awareness programs at campuses across the

country this fall. (Contact Joel Ario at 617-423-1796 or Beth DeGrasse at 202-546-9707 if you want to get involved.)

On a more serious note, it was at the same campus last semester that students held a spoof "Fashions For The Nuclear Age" featuring "Designer Body Bags."

Want to get your parents off your back? Send them to college. The latest trend in campus orientation programs is to bring in the parents. They get the usual tours and pep talks, but the most popular topics, organizers say, are careers, post-grad work and "My kid is majoring in WHAT?"

these smashing good looks in the stands. *By Lesa Saucabata*

16 ◊ CAMPUS KICKS

Footbagging, it's an oddball new craze that's kicking around lots of campuses this fall. *By Nancy M Jones*

OUR COVER

Matt Bateman captured the fired up student protestors in black and white for the *Stanford Daily*, and **Dick Downs hand-tinted a print of the shot**. The multi-colored, pixelized bar was concocted by **Tim Alt and Ken Weiss** at *Digital Art* in Los Angeles. **Photographer John Lockwood created a glamorous shot of our sultry coed** and still found time to catch the Hacky Sack in mid-bounce.

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Fleetwood



About Steve Edwards

by Erick Norlin, Editor, *Student Life*.

Published weekly in *Student Life*, Washington University's student newspaper, Steve Edwards' "Fleetwood" brings an original voice to our campus.

His characters seem universal—Fleetwood, his punk roommate Slime, Bob the "sunshine boy" and Murray, the "pre-wealth" major. Steve says the cartoon is his, "soapbox, punching bag, playground for ideas, journal, or sometimes all four."

A junior illustration major, Steve will pursue a career in cartooning.



Jane Fonda, runner-up to Mom.

Accuracy In Media, a conservative group watchdogging the media, now wants to use students to monitor the classroom lectures of liberal professors. So far the most vocal objections are coming from conservative profs, who see the effort as chilling free speech.

Speaking of speech, business executives are flocking back to campus to learn foreign languages as more companies look to international markets. Why? Ask Pepsi, which took its slogan, "Come Alive With Pepsi" to China and wound up with, "Pepsi Brings Your Ancestors Back From The Grave." And they think its crowded there now.



ILLUSTRATION BY ED HEINS

On the racing circuit, look for cockroaches with red dots on their backs at Western Kentucky U. They are the winners of the school's Run For The Roaches Derby. The red dots are to safeguard the noble competitors from shoes aimed at common roaches.

Yes, college does prepare you for real life. Michigan State researchers found that college students go through occupational burnout (usually during the senior year and grad school), just like the syndrome employees experience on the job in the real world.

The diploma comes with a warranty at Mississippi U. for Women. Grads who can't perform up to expectations on their first job can return for more courses at no cost. Any Football Factories willing to make the same offer?



Campus Activism...

A Wave or Just A Ripple?



100 students at Cornell stage a sit-in at the administration building, in protest of the university's investment policies in South Africa.
500 University of Nebraska students march to the State Capitol to urge increased educational funding.

Thousands blockade a meeting of the University of California at Berkeley Regents.

At the University of Colorado at Boulder, 487 students are arrested after recruiters from the CIA are forced off campus.

Is this a list of the highlights of the 1960's? Far from it. These incidents are only a small sampling of a new student activism that flared on college campuses from coast to coast this past spring.

Isolated ripples of dissent, barely noticeable over the past few years, quickly built into a wave of protest that crashed noisily on the public consciousness in 1985. There were

protests and demonstrations on more than 100 university and college campuses in virtually every region of the country.

Many thought student activism was buried forever under mounds of designer clothes and heaps of hype about the virtues of Yuppies. However, it has resurfaced with

marches and demonstrations about South Africa, Central America, economic issues, the environment and the arms race.

To some, the new protests seem to fall far short of those of the Sixties. But others point out that the activism seems to be growing at a much quicker pace.

The real question is whether the campus protest movement will grow, fade or take a new direction this academic year.

Certainly the pace of the movement's growth has been quick. Almost immediately after reappearing, the activism accelerated to sit-ins, blockades, civil disobedience and building takeovers, with some 3000 arrests between April and June.

Scott McFetridge, community editor for the University of Oregon's *Daily Emerald* agrees that 1985 has been a watershed year for student activism. "I was very surprised. I had

JOHN BURGESS, DAILY CALIFORNIAN



Student protests are once again in the news, but how significant are they? Will marching feet be heading for the picket lines this fall, or just back to class?

By Marc Cooper

come to believe what everyone else said about students being apathetic. We were wrong."

His news editor, Diana Elliot, has a similar perspective. "I don't know why, but this is the first year there have been really large protests. Students I know are now more aware of politics and issues than just a year or two before," she says.

While the large campuses on the East and West Coasts, like Columbia, Harvard, Rutgers, Cornell, Berkeley and UCLA have captured much of the news coverage of the resurgent student movement, the activism has spread nationwide.

Protests, rallies and sit-ins were held this year in areas like Wyoming and Nebraska, on campuses where protest groups like Students for a Democratic Society (SDS) could hardly organize a chapter in the late Sixties, let alone stage a demonstration.

In more conservative areas of the country, student activism, while growing in presence, is still viewed with skepticism. "Liberals are still seen by many as far-out, weird, bearded oafs," says Ellen Williams of the University of Texas *Daily Texan*.

Nevertheless, rallies at the Austin campus organized by the Black Student Alliance attracted over 500 people last spring. In March, 2,000 University of Texas students paraded to the state capitol to protest increased tuition fees.

The Austin campus was not the only Southern school to experience protests. The Universities of Florida, Missouri, Louisville, North Carolina at Chapel Hill and Duke were among

◀ Apartheid was the major issue in campus protests.

University of Colorado students ▶ protest CIA presence on campus.

the other campuses that got involved this year in anti-apartheid demonstrations.

Karey Murakami, who has reported on student protests for *The Michigan Daily* at Ann Arbor, speculates that students have been moved to action over a long list of grievances.

"Most students got pretty tired of hearing how conservative they had become. This created a backlash," said Murakami, adding, "World events have been quite a catalyst to action. The police violence in South Africa, the CIA mining the Nicaraguan harbors... these things didn't go unnoticed by students."

At UCLA, where hundreds of students camped out on campus for weeks in a makeshift 'Mandela City' (named for South African political prisoner Nelson Mandela), Sociology Professor Maurice Zeitlin suggests that today's protests are taking place because the South Africa issue was tailor-made for sparking the new rebellion. "This issue invites an absolute moral choice, and that's crucial in our culture," he explains. "You need an issue that involves stu-



Protesting Berkeley students' administration building sleep-in.

dent self-interest, but not only that. You also need moral outrage."

"The large, highly visible movement you see now is not a rebirth," said Josh Nessen, a leader of the Columbia protest and now a staffer at the American Committee on Africa (ACOA). "It was always there, at least in root form."

Williams at the *Daily Texan* claims

HEATHER VEREGG, DAILY COLORADAN



that the November Presidential election got students thinking about political issues. "The University Republicans were able to sign up about 800 people, and the Young Democrats pulled together just as many."

The big question now facing student activists is whether or not they will be able to sustain their movement. One presumably necessary ingredient for success is the ability to win victories.

On this score the activists can claim some progress. They take credit for helping to pressure Congress to moderate White House policy on Central America, and making the arms race and nuclear policy subjects of acceptable living room discussion in Middle America.

A more tangible result is the growing list of universities and municipal and state governments that are withdrawing investment funds from South Africa.

Yet doubt remains regarding the future of the movement. McFetridge, for one, isn't making any bets. "By the end of the Spring semester things fell off" (Continued on page 17) ▶

How Much Is That PC in the Window?

A Shopper's Guide to Microcomputers

By Winn Rosch

Once confronted with the overselection of personal computers staring from shelves like puppy dogs wanting homes, you're apt to gasp. "I need a computer to figure out which is the best computer to buy." Alas, you'd be right. The only way most people learn about the advantages and shortcomings of computers (mostly the latter) and what to look for in buying one, is to get stuck with the wrong machine.

Before you make an expensive mistake, you should carefully consider your prospective computer purchase. Your goal is to match your woefully small budget (any budget is by definition woefully small) with your computing needs. Then comes the hard part—finding an affordable machine that fills your needs.

One of the difficulties of the decision-making process is knowing

the strengths and weaknesses of different computer 'families'. For the most part, a computer family is distinguished by its operating system, a program that tells the machine itself—the computer hardware—how to deal with other programs—the computer software.

It's important for you to find the right operating system because programs written for one operating system cannot be used with another. If you're not careful, you may find that the programs that you most want to use won't run on the computer you've bought.

The five best choices in computer families and operating systems to accompany you through college are, in general order of rising price, the Commodore 64, the Radio Shack 100 and 200, the Apple II, the Apple Macintosh and the IBM PC.

Commodore 64

The Commodore 64, called C64 by its fans and Commodore 64 by the more observant, has a lot going for it: it's cheap. More than that, it's really cheap! You can probably find one in your local toy store (literally!) for \$150 or less.

But don't be misled by the tiny price tag. You'll also need to buy a disk drive that's at least that expensive as well as such options as a monitor and printer to make a complete system.

As fits its toy store origin, the C64 is child's play to use: the easiest computer to plug into your television set, the easiest to start programming with because of its built-in BASIC programming language, and perhaps the easiest to get addicted to because more games are available for it than nearly any other machine.

Alas, the cognoscenti don't consider the C64 a real computer because its modest price buys only modest power. As personal computers go, the C64 is slow.

While most computers take but a minute or so to duplicate a disk, plan on fifteen minutes shuffling disks to make a copy using Commodore's

software. Too, Commodore disks also have a relatively limited capacity.

Designed for connecting to television sets, the C64 also limits you to 40-column on-screen displays which are insufficient for most spreadsheets and powerful what you see is what you get word processors.

Although the C64 does give you a few language choices besides BASIC—including Logo, Pascal and Pilot—its limited powers preclude running the old mainframe languages most colleges still inflict on their students, FORTRAN and COBOL.

Further, the C64 is not expandable—its memory is forever limited to 64 kilobytes (thousands of characters)—and it's designed to connect only to its own accessories, giving you a choice much narrower than is available with other machines. In particular, the supply of Commodore-compatible inexpensive typewriter quality printers is limited. In fact, the on-paper quality of the lowest priced Commodore printer is little better than embarrassing.

But the C64 is a big bargain. It will make an adequate word processor for assignments and, using a relatively inexpensive Commodore modem, works well as a terminal to talk with more powerful computers, such as your school's mainframe.



Commodore 64

Radio Shack 100 and 200

The Radio Shack Models 100 and 200 have earned a loyal following among journalists as portable notepads. A rudimentary built-in word processor and a memory that never forgets (even when the power is turned off) make it a perfect writer's tool.

The Radio Shack machines are the easiest to use of all. To process words, you don't need to know how to do anything other than type. Almost all computer commands use their own keys.

As a general purpose computer, however, the 100 and 200 suffer from a supply of software that's a bit meager when it comes to anything but wordwork. If you look hard, you might find a spreadsheet or two and a more powerful word processor.

The 100 and 200 give you essentially one language choice—a stripped-down version of BASIC that comes built into the machine. Memory is limited to an official 32 kilobytes, although outside suppliers will let you add in up to three times that amount.

Radio Shack sells enhancements for this tiny twosome that add some of the functions of desktop computers, including a disk drive and a video display. Alas, to take advantage of these enhancements you end up giving up the machine's wonderful portability. Moreover, the connectors chosen for the hook-up won't endure more than several plugging and unplugging.

Despite these shortfalls, however, the Models 100 and 200 make excellent college companions. Even the 24 kilobyte model of the 100 (priced at about

\$500) is sufficient for writing a ten-page, double-spaced report. The built-in BASIC is powerful enough to hack through most science and math assignments.

Although you might not want to use the clackety keyboard for taking notes in class, you can carry your 100 or 200 to the library and write reports or type things out in the solitude of a park or favorite campus coffeehouse.

NEC sells look-alike computers that are actually made in the same factory as the Radio Shacks. Often they are less expensive, but for a good reason: the NEC machines lack

the built-in modem that's inside both Radio Shack models. Once you start using the machine, you're likely to find that the modem is one of its most useful features; you need nothing else to communicate with other computers.



Radio Shack Model 200



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Apple II

The Apple II is the grandparent of the personal computer industry. Eight years old, the Apple II is the oldest design that's still popular, particularly in the classroom.

Because of its age and long running popularity, more programs have been written for Apple IIs than any other computer. It's easy to use because its operating system and BASIC language are essentially combined. You can get most applications to run without knowing much about the computer itself.

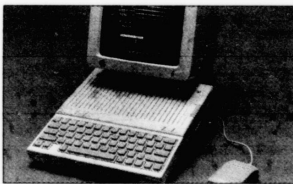
But old age brings problems, too. The Apple II was conceived when a little memory seemed like a lot and when any speed at all was fast. Today it is easily outwitted by competitors.

Apple gives you a choice of two models that share the same operating systems (Apple DOS and Pro DOS) and software—the IIc and the IIx.

The IIc is distinguished by versatility. It allows you to add in a variety of expansion cards to customize your system or increase its power—up to its modest 128 kilobyte memory limit.

The IIc is both more portable and simplified. The full extent of IIc power is built into it so you never need add anything more—nor can you make additions.

The biggest strength of both machines is the variety of software and accessories available. You can connect just about any printer, any modem to one—with the appropriate adapters. Word processors, databases and spreadsheets abound. A wide programming language selection is available for these Apples, missing only mainframe compiled languages like FORTRAN and COBOL.



APPLE IIc

Because these Apples are used extensively in education, they are the top choices if you've chosen a career in teaching. If you're planning on the business world, however, an IBM PC is a better choice.



MacINTOSH

Macintosh

The Macintosh is a compelling computer, designed to be the ultimate in ease of use. You don't have to speak a word of computerese to get it going—just move a screen pointer to the symbol indicating what you want to do by rolling a "mouse" across your desktop.

The Mac's design is so clever, engineers at rival companies are ripping off its features for their own machines.

Unfortunately, the machine does not live up to its potential. Despite having a powerful microprocessor, the Mac's thinking abilities are severely limited by its cost-cutting design. For most functions, it's slower than what should be a less powerful computer, the IBM PC.

The Mac has not made it in the business world for reasons which range from the stupid (executives don't have the same faith in the Apple name as they do in IBM) to the practical (it's slow, unexpandable, uses only its own accessories and has a limited—but fast growing—software supply).

In truth, the Mac can do about anything any other personal computer can, probably easier, and likely slower. Using a Mac, particularly one with only 128 kilobytes of memory, can often be frustrating. If you choose to buy a Mac, insist on the 512K model.

IBM PC

The IBM PC is the dominant member of a whole clan of computers that use the MS DOS (or PC DOS) operating system. These MS DOS computers have become the business executive's choice because of IBM's influence—after all, the company does make about 70% of the free world's mainframe computers.

IBM's engineers carefully eyeballed the Apple II and designed their PC around its concepts while updating it with a faster brain and more memory capacity.

The IBM PC and its clones are indeed powerful, capable of handling 640 kilobytes of memory (and more with recent add-ons). Although hardly the fastest personal computer in the world, it has set the performance standard.

Its popularity in the business world has proven a big incentive for program writers. Hence, you'll find more business-related programs and language available in MS DOS than any other operating system. The IBM PC is, in fact, powerful enough to handle most mainframe languages including the ubiquitous FORTRAN and COBOL, as well as such new favorites as Pascal, Modula 2, C, Forth, APL and PL 1—and even classroom Logo.

Expandability and variety are perhaps the key to the success of the IBM PC and MS DOS. As with the Apple, you can connect literally anything to one (including the proverbial kitchen sink and other plumbing fixtures).



IBM PC

Alas, the added power and versatility has its price. A typical MS DOS system might cost \$2000. However, there are a few bargains.

The PCjr, although no longer manufactured, is still available from IBM at prices even better than the \$900 (with color monitor) which made it last Christmas's top-selling computer. Although limited in abilities compared to full-size MS DOS machines, it's a good entry into the IBM world that will handle college level word processing and BASIC programming with ease.

It will not, however, run the more powerful compiled programming languages. The disks you use and the programs you write with a PCjr will be nearly completely compatible with bigger IBM style machines.

Another inexpensive way to enter the world of MS DOS is the Tandy 1000 from Radio Shack, now priced below \$1000. Its primary disadvantage is a lack of expandability using products designed to plug inside the IBM PC.

Complete, full-size and full-power compatible computers are available from dozens of manufacturers besides IBM.

If you need a computer for an advanced degree or are working in a scientific field—particularly computer science—you'll probably want to hold out for a full-blown PC, or one of the newer, more powerful (and consequently more expensive) models, like the IBM Personal Computer AT.

TALKING TO BIG BROTHER

Most colleges have their own massive mainframe computer systems to handle mundane chores like class scheduling and grades as well as let faculty members explore their academic and statistical fantasies.

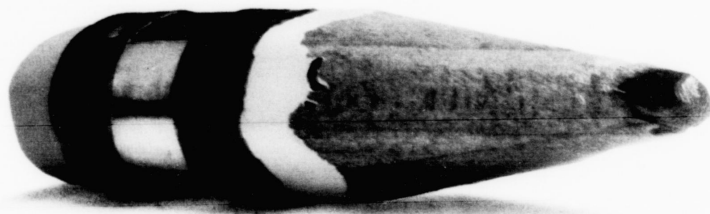
Most institutions make these same computers accessible to their students. The more enlightened let you use your own computer to talk directly to the mainframe using a modem with your personal computer.

A modem translates the digital signals that your computer uses into tones which can be sent through telephone wires. Modems are rated by speed and features. The speed you need depends on the computer system that you want to access.

The most primitive systems use a

speed of 300 bits per second ('baud'). Modems that operate at 300 baud are relatively inexpensive (\$69 to \$200), but they can only send and receive 30 characters a second—slower than most people can read. Faster, 1200 baud modems cost \$200 to \$500 (most also run at 300 baud) but to use their speed, the system you call must also operate at 1200 baud.

To make your computer talk to your modem and thence to your school's computer, you also need a communications program. These cost \$75 to \$150, but are usually included with the modem. The communications program to choose depends on your modem as well as the requirements of your school's mainframe computer. ♦



AT LAST, WORD PROCESSING THAT WON'T COME UP SHORT.

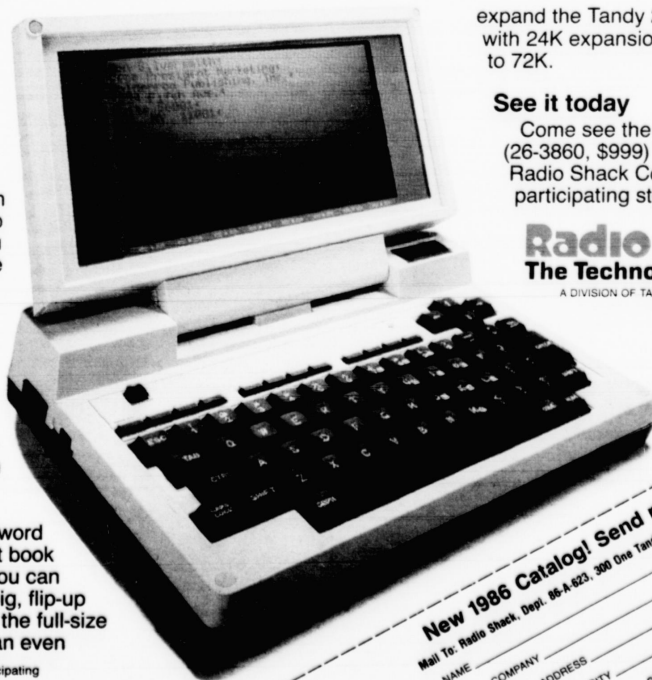
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Tame That Tune; Name That Knob!



It's really a crime the way some people treat their audio equipment. They'll plunk down hundreds or even thousands of dollars based on a few minutes' worth of some fast-talking salesman's spiel. Then they take it out of the box and discover that operating their modern receiver or cassette recorder is only slightly less intimidating than trying to land the Space Shuttle.

So, they learn how to operate a few knobs and buttons—like **on/off**, **volume**, **bass**, and **treble**—and never take advantage of the special features that made the gadget so expensive.

Part of the blame rests with the educational system, which never has taken such subjects seriously enough to offer formal coursework in, say, hooking up FM antennas. The other half of the blame goes to the instruction manuals, which generally bear only a faint resemblance to English.

Thus we present this plain-English, demystified guide to the subtleties of stereo systems. It's our way of making *Hardware 101* a little easier.

Knobs and Meters and Bells and Whistles

Knowing what all those confusing controls really do is important for two reasons. First, some 'tweaking' can often correct deficiencies in a tape or in a listening environment and produce an overall sound that's close to what was originally recorded. And second, even if you don't care to fine-tune your audio experiences, you should know how to turn *off* all those fancy extras.

Most amplifiers and receivers have a **loudness** control that boosts low frequencies at low volumes. At high volumes, it's unnecessary and can even be annoying, so you might want to turn it off.

A User-Friendly Guide to Stereo Gadgets and Gizmos

by Ed Bott

If you listen to a lot of FM radio, pay particular attention to your special tuning features. A **signal strength meter** is an extremely easy and accurate way of ensuring that you lock in stations perfectly; adjust the tuning knob until the signal strength is at its strongest.

If you have a digital tuner with **phase-locked-loop** (PLL) tuning, you'll see a light go on when you've tuned in correctly. Built-in circuits take care of the fine tuning for you. **FM muting** cuts out all the usual noise between stations on the dial. Leave it on if you live in a big city with lots of strong stations. In more remote areas, or if you're trying to bring in a distant signal, switch it off.

And if you find that you can't quite bring in that one station that you'd like to hear, try switching the amplifier to **mono** instead of **stereo**; you'll give up some sound quality to guarantee decent reception.

Specs Made Simple

Are written **specs** (short for *specifications*) important? Not particularly, as long as you are able to hear the differences in sound reproduction among different pieces of equipment. However, for the rest of us, specs come in handy in making quick comparisons between amplifiers or receivers.

The best-known spec is the **watt**—as in '60-watts-per-channel amplifier'. Wattage measures the power an amplifier delivers to the speakers;

more watts means more volume.

Before making a head-to-head comparison by watts, though, be sure the measurements were conducted under identical conditions, particularly with respect to **total harmonic distortion (THD)**. Usually expressed in percentages, THD measures the amount of audio distortion that's accom-

panying all those watts.

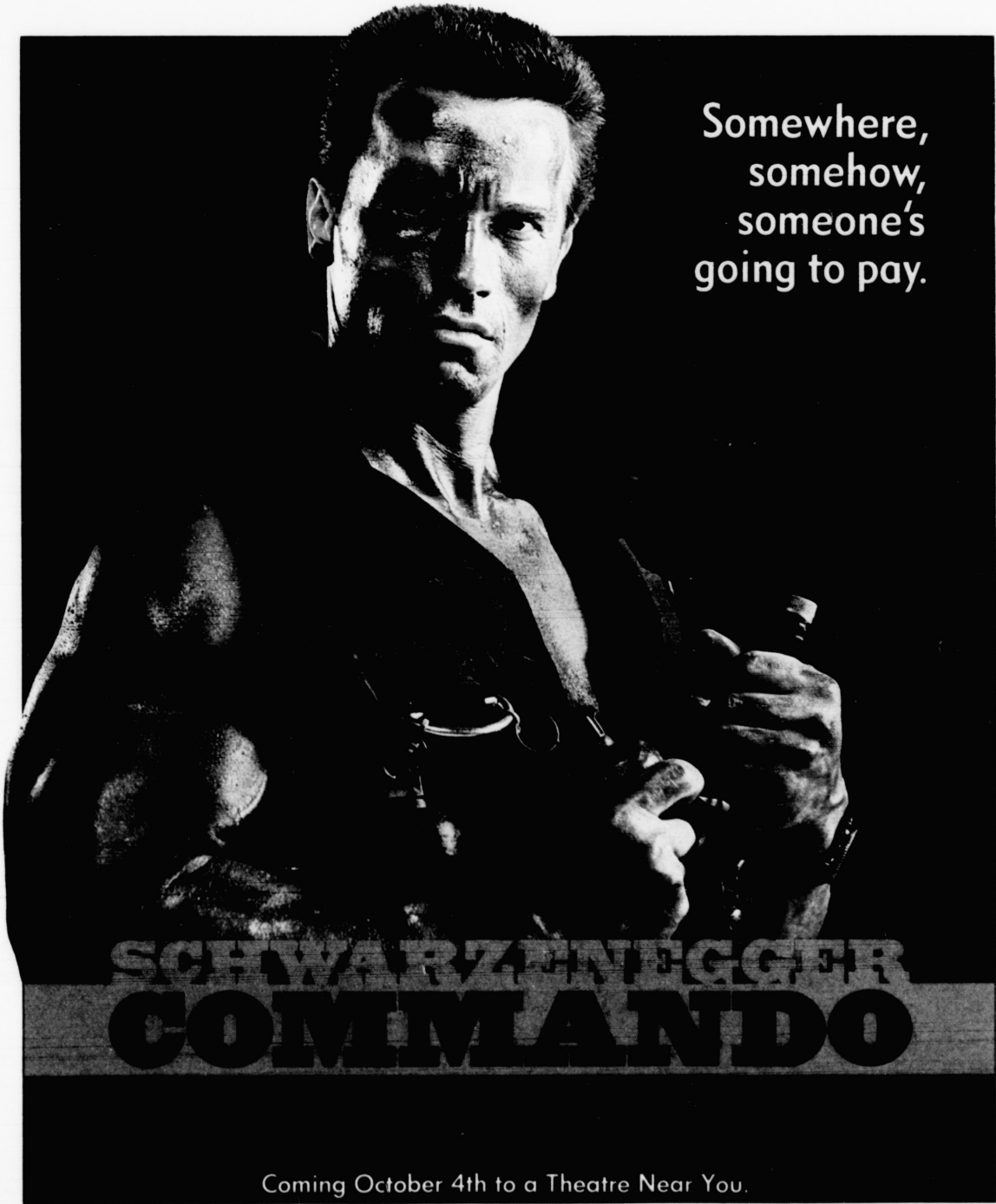
It's possible to find distortion levels as low as .001%, and anything over 1% is strictly low-fi. High power doesn't mean a thing if it comes along with fatigue-inducing distortion.

Another common term is **decibel**, or **dB**, which refers to sound levels (as opposed to power levels). You'll most commonly see it used in a **signal-to-noise ratio (S/N)**, as in a tape deck or receiver. The **S/N** ratio expresses how loud the music is in comparison to background noise; the higher the number, the better the performance and the more your ears will thank you.

Finally, you should know that a **Hertz** (abbreviated **Hz**) is one cycle per second. Deep, floor-rumbling bass notes in the range of 0.50 Hz (0.50 cycles per second) while glass shattering highs are up around 20 kHz (or 20,000 cycles per second) and beyond.

High fidelity is generally considered to include the range from 20 to 20,000 Hz. The wider the range, the more likely the equipment will reproduce the full sound spectrum. With a spec of 100-10,000 Hz, expect muddy, compressed sound. ♦

*Ed Bott is a freelance writer and former bi-fi editor of **Owl** Magazine. He now spends his time trying to figure out how computer chips work. By comparison, he finds understanding stereos a cinch.*



Somewhere,
somehow,
someone's
going to pay.

SCHWARZENEGGER
COMMANDO

Coming October 4th to a Theatre Near You.

STADIUM CHIC

By Lesa Sawahata

Ahh, October . . . the beautiful, golden month when one's thoughts turn to cozy fires, smiling jack o'lanterns and the homecoming game. What to wear to the game this fall? We've chosen outfits from some of our favorite fashion houses: GUESS, In Wear, Matinique, Z. Cavaricci, Benetton, Banana Republic and Capezio.

So, what are the prerequisites for style in the bleachers? First are the subdued colors (loden, burgundy, deep gold, teal) and mixed patterns (florals, paisleys and plaids).

Pastel, 'washed' fabrics are popular too: wallpaper prints of pale blue and rose, combined with stone washed denim. The mixed textures of denim jeans with a damasked satin shirt play beautifully against each other, lending a dynamic new feel to old favorites.

To keep the Big Chill at bay, a Big Sweater or Big Jacket is the kind of fashion piece that looks great over everything and is your best bet for a fall fashion investment.

A great pair of pants in a newer, drapier shape looks terrific on men or women, and are a warm, wear-everywhere item that will give you plenty of fashion mileage.

OK, ready to check out chic across the country?

NORTHEAST

◀ How to keep from being an Ivy League iceberg? East Coast coeds look hip and stay warm in In-Wear's lean printed knit top over snug jodphurs. Guys score in Matinique's classic trousers with a pullover sweater and Banana Republic's button-down shirt. Both women and men snuggle in In-Wear/Matinique's oversized wool coats with touches of bright colors in scarf, gloves, and hats.

SUNBELT

In the Sunbelt, Indian summer can linger right into November. Big Sweaters are the Big Time here. For men, Benetton's blue pullover teams well with their brown wool pants. Southern belles glow in Benetton's bright pink and blue knit pant-sweater combo with Capezio sandals. ▶

PHOTOGRAPHY BY JOHN LOCKWOOD; Stylist: Becca Glesby; Models: Nancy M. Jones, Paul Snyder, Beth Silvers, Ben Sadoff, Marisha Lockwood, Sara Bott, Darius Richmond, Dante.





WEST

In the West, October can mean heat or drizzles, so layers are a chic solution to changing weather. In our wild western gang, the dude hitches up his Z. Cavaricci basketweave wool coat and chinos to Banana Republic's white cotton shirt above Converse high tops. Gals wear a pastel brocade Z. Cavaricci jacket over floral-print jeans or stone-washed GUESS jeans and a Big Jacket.

Our other Western couple is wild in the stands in Z. Cavaricci's cowgirl-styled mini with matching shirt and denim jacket, while her escort cuts a sharp figure in Z. Cavaricci's zig-zag brocade jacket and embroidered black jeans.

MIDWEST

The look is more casual than the Northeast, but just as warm. For women, we prefer unbeatable Levi's 501's topped with In-Wear's deep blue western shirt (complete with silver collar tips) and cranberry striped jacket. For men, Matinique's roomy maroon bomber jacket over their subtly colored cotton shirt, tucked into green Benetton pants, topped by a Christian Dior scarf.





o Campus Kicks

The newest fad kicking around campus these days is a ball that doesn't even bounce!

By Nancy M. Jones

It's reassuring to know that in today's changing world, some things remain the same. Take, for instance college students.

Yes, yes, it's true that students of the '80's are career conscious, methodically plodding along toward that pot of gold at the end of the rainbow... What everyone seems to have forgotten is how dedicated those knowledge-hungry students are when it comes to the subject of entertainment.

Consider the latest craze on campus.

You've seen them, hanging out in a circle, kicking something from one foot to the next. No, they are not practicing what they are going to do when they go home to feed their pet.

They're playing footbag. That's right, footbag. The youth of the world is fascinated by a ball that doesn't even bounce!

Even more amazing is how seriously this play-time activity is taken. One enthusiast, Andy Linder, kicked a footbag 21,135 times in three and one-half hours to take the world record for continuous flight. A student at Trinity College in Deerfield, Illinois, this footbag king even has his own line of Andy Linder Autograph Footbags. (Hacky Sack, the popular name for footbagging, is Wham-O's trademark for their footbag line.)

So, now I've sparked a little interest in footbagging, have I? (Anything for a prize.) A sport you could jump into with both feet? One warning before you start: begin with at least one foot on the ground before soaring off to more spectacular tricks.

To jump in, you need to practice the three basic ways to kick the bag.

THE INSIDE KICK: This is the most basic. Just flex your knee and kick the bag straight up with the

inside of your foot. No, **straight** up. So far, so good.

THE OUTSIDE KICK: Use this when the bag is falling outside the line of your shoulders. Kick the bag straight up with the outside of your foot. Oops, that's a hard one.

THE BACK KICK: Of course, you can use this when the ball is falling behind you. This is a little tricky because you have to lean forward to make this kick, hitting the ball with the same part of your foot as the Outside Kick. Keep practicing. Yes, it's supposed to look silly.

Once you can do the basic kicks without falling flat on your face, you can try some Hacky Sack games. The Consecutive game is simple; just keep the footbag airborne, alone or with some friends, for as long as you can. (No, no, no, I don't mean kick your friends with the bag, I mean kick the bag to your friends.)

The Freestyle lets you use your own personality and keep it going any way you want. Needless to say, this is the most popular. I think they should rename it Collegestyle: Forget Learning The Rules.

Perhaps now you're ready for the game called Net, which footbag enthusiasts call "the ultimate challenge for your feet." Played with a five-foot net and the basic scoring rules of volleyball, this one will really keep you on your toes.

Finally, there is Footbag Golf. No, it's not just for

One warning before you start: begin with at least one foot on the ground...

the older set, but it entails the same quest as regular golf, namely, putting the darned little thing in the hole.

This weird sport was born in Portland, Oregon in 1972 to one John Stalberger. He began using a footbag in a program of physical therapy following a severe knee injury received in a football game. (Say, I've just given you a top-10 excuse for footbagging anytime you want, "It's therapeutic!")

Although Stalberger fathered this game in its modern American incarnation, its ancestor could be the Chinese Emperor Hwang Tu. He reputedly developed a footbag game which used a little leather sack filled with hair. Like its cousin, soccer, the game has been played in innumerable variations ever since.

If you are now sufficiently impressed to devote your life to footbagging, you are in luck. Greg Cortopassi and Bruce Guettich have formed the World Footbag Association (WFA). Organized in 1983, the WFA is dedicated to, as they put it, "promoting,

educating, and stimulating interest in all footbag games, footbags and most importantly, you the player."

You too can become one of the 3,000 members worldwide by calling the WFA headquarters in Golden, Colorado (303)278-9797. There is no truth to the rumor that your application will be accepted **only** if you can dial with your toes or kneecaps.

Nancy M. Jones is a graduate of the University of Wisconsin-Milwaukee who now spends her time kicking around in the big city of Los Angeles.



A SHORT HISTORY OF STUDENT PROTESTS

1962 SDS (Students for a Democratic Society) issues Port Huron Statement outlining its goals.

1963 200,000 participate in March on Washington for civil rights.

1964 Free Speech Movement erupts at Berkeley.

1965 Hundreds of campuses hold 'teach-ins' on Vietnam war; draft board sit-ins; 10,000 in SDS.

1966 Stokely Carmichael leads SNCC; 'Student Power' and 'Hell no, we won't go!' appear.

1967 Massive anti-war protests nationwide; 30,000 now in SDS.

1968 Columbia SDS occupies campus buildings; thousands battle police at Democratic Convention.

1969 Campus anti-war and student power protests nationwide; Weathermen split from SDS.

1970 On May 4, National Guard kills 4 students at Kent State; 1350 campuses protest. 7 Days in May' war protest disrupts Wash., DC.

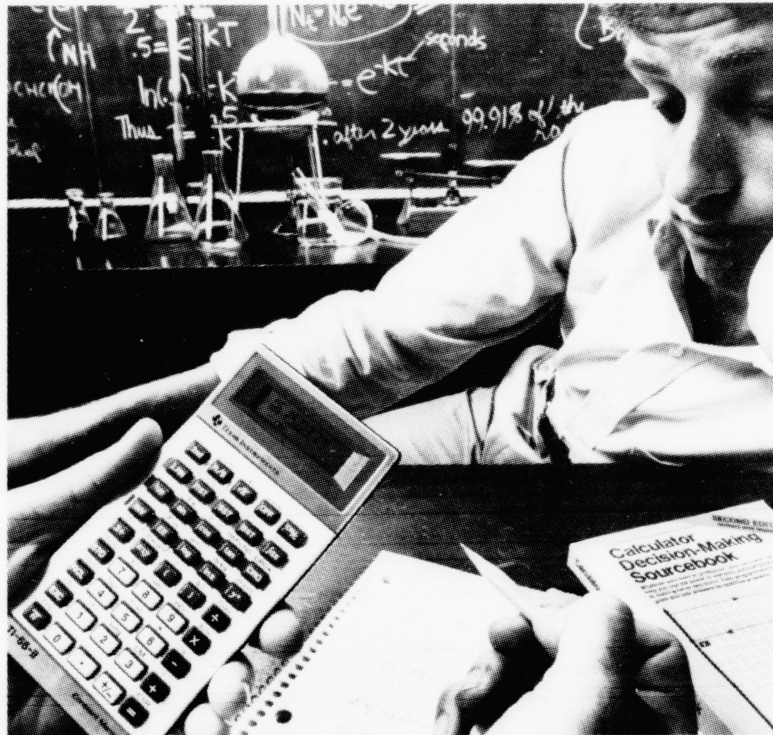
1971 and '72: Weathermen bombing campaign; war protests decline. SDS disappears. Anti-war activity sporadic.

1973 through '84: Sixties-type protests almost non-existent. After 1981, small protest groups form for anti-nuclear, environmental issues.

1985 Nearly 150 campuses involved in protests.

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CAMPUS ACTIVISM

(Continued from page 7) real fast. Students are not apathetic, but they are skeptical about the value of marching."

An ongoing, emotion-charged issue is a prerequisite for keeping the movement revving, says McFetridge. "Vietnam is what did it last time.

Now it depends, I guess, on whether the U.S. will go to war in Central America. Reagan's cuts in financial aid aren't enough to keep people angry."

One measure, perhaps, of the potential for broad appeal of these new protests is the fact that on many campuses the student government has

been among the most active sectors organizing the protests. This contrasts sharply with the 1960's when many Associated Student groupings were bastions of the status quo.

Columbia's Nessen is among those predicting growth of the activism and has high hopes pinned on this October 11th. "That's a national

day of protest, the day of the South African political prisoner. Look for us. We'll be there." ♦

Marc Cooper is a free-lance political affairs journalist based in Los Angeles. His articles and essays have appeared in numerous national publications.

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Your Resume

As a student, it is unlikely that you will have a lot of on-the-job experience. Knowing this, employers want to see what else you have done.

Beef up your resume with special seminars, conferences or study programs in your field, research work, extra-curricular activities, community involvement, awards, etc. If you have done a paper or project you feel is noteworthy, mention it. Include summer jobs, even slinging burgers at McDonald's, because they demonstrate your resourcefulness.

Focus your resume for each job you pursue. Don't include all your experience, only what is relevant for each position.

The Application

It should go without saying, but some still need to be reminded, write neatly and legibly. Applications make an impression, even if they merely supplement the information in your resume.

The Interview

Prepare in advance by writing down the questions each company might ask. If you get nervous in interviews, have a friend rehearse you with the questions you have prepared.

Bring a short written list of your own questions—about the company, the nature of the job, benefits, etc.—to the interview. It shows that you care what kind of job you take.

Following Up

If you have heard nothing within ten days of an interview, you could consider a follow-up call. Anything sooner could be seen as pestering. A better strategy is to send the company a note, thanking them for their consideration of your application and expressing your continuing interest in the position.

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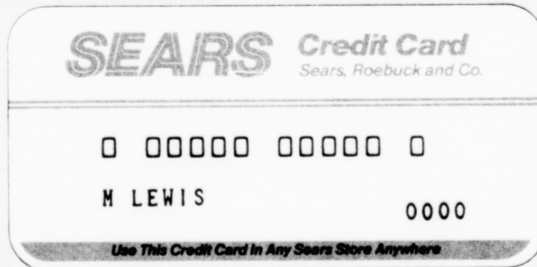


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