Optical Salesman **Indicted For Theft**

An optical salesman, accused of taking seven microscopes from the University Medical Center, was indicted on seven ounts by the Fayette County Grand Jury.

Dennis W. Clark, 26, Anchor-ge, has been charged with tak-ing three Bausch & Lomb micro-scopes and four Leitz micro-scopes from the Medical Center between March 19 and Sept. 7.

The total value of the instru-ments was estimated at \$3,700.

ments was estimated at \$3,700.
After Clark's arrest in early
October, he told police that he
took the instruments during sales
trips to the University Medical
Center, and then sold them as
legitimate merchandise in Lexington and Louisville.
Clark is accused of stealing a

Clark is accused of stealing a Clark is accused of steaning a Leitz microscope on Jan. 16 (1963), another Leitz on March 19, a Bausch & Lomb microscope on May 27, a second Bausch & Lomb on June 13, a third Leitz on Aug. 2, a fourth Leitz on Sept. 5, and a third Bausch & Lomb on Sent 7

5, and a third Bausch & Lomb on Sept. 7. Clark is being held on a \$2,500 bond to the Fayette County Cir-cuit Court where he is scheduled for trial during the next ses-sion beginning in April. Two of the microscopes have been recovered and the purch-

asing department of the Medical Center will soon collect the remaining five according to A. A. Bartlett, a security officer at the Medical Center.

"This is the worst theft we have had so far at the Medical Center," Bartlett said.

Announcement

Dr. Stanford L. Smith of the University Department of Chemistry will highlight the January meeting of the Pence Physics Club with a lecture and Physics Club with a lecture and demonstration on Nuclear Magnetic Resonance. The meeting will be held at 7:30 p.m. today, in Room 179 of the Chemistry-Physics building. Dr. Smith, who received his doctorate in chemistry from Iowa State University, is a specialist on Nuclear Magnetic Resonance techniques and instrumentation.



Law Building Site This house near the corner of Lime is the site of the new building which ne and Washington Avenue will house the Law School.

UK 'Debate Of Month' Program To Appear On Louisville Campus

The University Student Forum will take its Ianuary "Debate of the Month" the campus of the University of Louisville this Saturday. The debate will be held in conjunction with the Kentucky High School Speech League's regional speech

The 1963 state champion de-baters from Bowling Green High School, Bob Valentine and Steve Duncan, will face St. Xavier High School's Robert Ganoe and Michael Perry at 9 a.m. in Con-ference Room A of the Univer-sity of Louisville's University of Louisville's University Center Building.

Center Building. *
The Bowling Green pair will be participating for the third time this season. This team has previously defeated Henry Clay High School and Bardstown High School. If Bowling Green wins this debate, the team will automatically be qualified for the "Debate of the Year" in May.

Dr. J. W. Patterson, Director of the Forum, said that high school debaters from throughout the state have been invited to

attend. Patterson will conduct a critique of the debate immediately following the contest.

Howell Brady, University Kentucky sophomore from May-field and chairman of the Stuneid and chairman of the Student Forum, will preside. Dr. Denver Sloan, Director of the Kentucky High School Speech League, will supervise the day's activities, which will also include demonstrations of selected speech events. As in the debate, a critique will follow the interpretation and drama phases of the clinic.

argue the affirmative against St. Xavier on the national high school debate topic of the year, "Resolved: That Social Security Benefits Should Be Extended to Include Complete Medical Care."

Include Complete Medical Care."

The UK Student Forum revived the "Debate of the Month"
series two years ago to provide
experience and instruction in debating. The winner of the January debate will be invited to
the UK campus to face a new
challenger in February. Rules
limit each school to a maximum
of three apmearances.

of three appearances.
At St. Xavier, Michael Perry is a senior debater who was

runner up for the Louisville City Championship in 1963. He has won first place honors in Extem-poraneous Speaking and Public Speaking at various speech tour-naments throughout the state. He is a National Merit semi-finalist, member of the National Honor Society co-editor of the Society, co-editor of the school newspaper, and vice president of the Louisville area "Youth Speaks."

Robert Ganoe is a member of the junior class and holds mem-berships in the Great Books club, Science club, Math club, school paper, and French club.

Valentine serves as president of the student body and president of the band at Bowling Green High. He has twice represented Kentucky in the National High School Speech Debates and teamed with Duncan to win the Kentucky debate championship last spring. In addition. pionship last spring. In addition, he and Duncan have twice won the high school Summer Speech Institute tournament, held an-

Duncan is president of his school's senior clas heads the Key Club. class and also

Senate Finance Group Rejects Tax Proposal

The Senate Finance Committee Tuesday defeated a proposal which would have allowed a parent to subtract up to \$325 a year from his income tax bill to pay certain expenses of each dependent in college.

penses of each dependent in Co Defeated 10 to 7, the plan would have saved parents \$750,-000,000 the first year. The vote came as the com-mittee considered a number of amendments to the \$11,100,000,000 tax-cut bill passed by the House Sent. 25

Senator Abraham Ribicoff (D., Conn.), sponsor of the tax-credit plan for college expenses, said he feels his proposal will have an

I.D. Cards

Pictures for new cards, lost ards and those who have paid ees may get cards validated at the Student Center Ballroom from 9 a.m. to 3 p.m. Saturday.

excellent chance for approval when the tax bill comes before the Senate.

Sen. Ribicoff told newsmen he assumed his proposal was rejected by the committee because the "Administration was all-out against it."

Ten Democrats of the 12 memorals of the 12 memorals

Ten Democrats of the 17-member committee voted against the plan. The six Republicans and Ribicoff voted for the proposal.

The credit would be computed on a sliding scale—75 percent of the first \$200 in college expenses; 25 percent of the next \$300, and 10 percent of the remaining \$1,000. Thus expenses of \$300 would result in tax credit of \$175, cold \$1500 in expenses would size and \$1,500 in expenses would give a top credit of \$325 in one year..

University Dairy Cows Furnish Milk To Campus

(Editor's Note: The following story was written for a class in newswriting. The author is a senior in the College of Agri-culture.)

By KENNETH OVERHULTS

the milk you drank for lunch in the Student Center Cafeteria came from? How about the ice cream you bought in the Dorm Grill?

Would you be surprised to know that 280 gallons is pro-duced daily right here on the University campus, and was hindled by University students?

Producing milk for some 8,000 IK students and faculty mem-ers is quite a job. The story be-ind it is an interesting one. The story of milk bedins at 4 'clock each morning at the Dairy

Center on the Experiment Station Farm, just off the Nicholasville Road.

olasville Road.

Three student workers and a hired man bring nearly 60 head of dairy cows into the barn and prepare them for milking. The herd consists of two breeds of cows, the Jerseys from the Isle of Jersey, and the Holsteins from Holland.

Holland.

The former produces a rela

The former produces a relatively small quantity of milk, high in butterfat content, while the black and white Holsteins yield milk in a larger quantity, yet lower in fat.

After the cows and barn have been cleaned, and milking utensils prepared, the milking process is begun at 4:30 a.m. Cows are stimulated for milk let down (availability for extraction) by a gentle message of the udder. The electric vacuum-type milker is then placed on the cow and left

until all milk has been removed from the udder.

After weighing and immediate cooling, the milk is placed in 10-gallon cans and stored in a walk-in refrigerator. Later that day the milk is taken to the University's own processing plant (op-posite Donovan Hall), where it is pasteurized and homogenized for consumption.

for consumption.

The process is repeated again in the evening, except milk pick up and processing are delayed until the following day.

Sounds simple doesn't it? But wait! What about the part of the story left out? Where are the cows kept? Where is their feed raised? How are they grown and handled for milk production?

The providing of answers for these questions is left up to the herdsman of the dairy, Arthur Graden.

responsibility of seeing that the herd is cared for and fed prop-erly, and that a high quality milk

erly, and that a high quality milk product is produced. "We try to produce the clean-est and best milk possible for consumption by the UK stu-dents," he says.

Most of the milk cows are housed in the big three-wing dairy barn at the Lexington farm.

dairy barn at the Lexington farm. They are grazed night and day on 67 acres of pasture. One can see them grazing peacefully from Route 27, south of Lexington.

Calves are raised here in Lexington until they reach three months of age. From here they are taken to the Coldstream Experiment Farm, north of town. They are pastured and grown out and returned here for milking.

ing.

Most cows remain in the herd

Most cows remain in the herd

The herd is kept as free of disease as possible, but tuberculosis has been a constant threat

has been a constant threat.

Feed and roughage for the herd is also produced on the Cold-stream Farm in the form of alfalfa hay, greenchop ensilage, and corn. Much corn however is purchased. Nearly 225 tons of hay and 150 tons of corn are used annually in production.

Labor for the milking chores is provided by seven part-time student workers, and two full-time men. A farm crew handles all chop work.

all chop work

all chop work.

What future plans are being made for producing milk for this ever growing institution? Contracts are now out for the new Coldstream Dairy Plant. Plans call for enlarging the herd to 150 head with adequate room for a loose-housing system. New living quarters for student workers are also included.

Counselors In Appalachian Area To Receive Specialized Training

Specialized training for 60 secondary school counselors in the Appalachian region will be begun by the University College of Education. The National Defense Education Act has provided \$107,250 to be used for this

An eight-week counseling and guidance institute will meet June 8-July 31 to provide an oppor-

tunity for 30 of the selected counselors to complete their certification requirements. Another 30 will attend an institute designed for personnel who will be counseling in the Appalachian area. Director of both institutes will be Dr. William Thomas Carse, chairman of the UK Division of Counseling ...and ...Guidance. Among others on the staff, will be Dr. James Brown, a UK associate professor of rural sociology. Three Kentucky public school counselors who will also

be assisting in the program are Charles E. Von Schlutter, of Fayette County schools; Mrs. Celia Hornbuckle of Boyd Coun-ty High, and Jack Hissom of Mc-Creary County High. Several UK instructors will be teaching classes in the institute. Persons attending the institute must present a statement from

teaching classes in the institute. Persons attending the institute must present a statement from their school officials that they are, or will be employed as counselors in Appalachian schools. Public school officials who attend will receive a stipend of \$75 weekly, with additional funds for each dependent. Private school officials attending the institute will not receive any funds. Persons interested in participating in the program should contact Dr. Carse immediately.

"Students in these sections are more dependent on their school counselors for guidance." Dr. John Oswald, University president, said, expressing his pleasure that the size of the grant will permit training a sufficient number of counselors.

"Persons in these vital positions must be adequately educated," he said. "Their competence may determine whether a student goes on to a responsible position or joins the ranks of the unemployed."

Med Center Visitors Number Over 10,000

The UK Medical Center, one of the newest medical school-health service complexes in the country, has been toured by more than 10,000 people.

"The visitors range from first-graders to some of the most im-portant people in medicine," said Mrs., Judy Harmon of the office of State and Local Services in the Med Center. The visitors have included university presidents, architects, and government of-ficials from various parts of the world.

Students can take tours Students can take tours, through the building on weekdays from 8 a.m. to 5 p.m. without appointment. Larger groups, however, are requested to notify the State and Local Services office before complete.

"Each tour depends somewhat on who the visitors are and on what they are interested in see-ing." Mrs. Harmon said. "Some of the architects want to stay several hours, but most people go through in 30 to 45 minutes."

The regular student tour includes the Medical Center library, the dental clinic floor, one of the 21 student laboratories, and the hospital auditorium

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ROOMS FOR RENT—Two males to share apartment near cam-pus. \$30 each. All utilities paid, kitchen. Call 252-1160. 21J4t

FOR RENT — Room; private, double bed, next to bath, linens furnished. \$30 month. 738 Tre-mont. 266-5039. 21J4t

FOR RENT—Rooms for men.
UK approved, Mrs. Paul Noel,
319 Grosvner St. Call after 5

22J3t

FOR RENT—Large with walk-in blocks from Coliscum, \$25. Transylvania Park, 252-8310.

CLASSIFIED

on the seventh floor as typical patient rooms."

statent rooms."

Special study cubicles for firstand second-year medical and
dental students are another tour
attraction. The cubicles were designed after those at the J. Hillis
Miller Health Center at the University of Florida, after which
much of the UK center was
modeled. The cubicles contain a
study desk and lockers for the
students, who must spend most
of their time in the Med Center.
The dental clinics have only
recently been completed, and are
not yet in full use. One of the
clinics is a section with small
chairs to aid in the treatment of
children.
"In most—schools, dentistry

"In most schools, dentistry students do not get any clinical experience until late in their college program," Mrs. Harmon said, "but here they plan to let newer students work in the clinics. Some have already examined mouths and cleaned teeth."

The UK Med Center is on for-eign visitors' lists of "places to see" as issued by the American Dental Association and the World Health Organization.

LAST—Yellow gold Gruen watch, with stretch-band between Don-ovan Cafeteria and Bradley Hall. If found please call 7088. Re-ward.

ward.

LOST—Contact lenses in clear plastic cylinder with black plastic caps. Please call 277-8561.

23Jst

FOR SALE — Porsche Cou White Slant Red. Good co... tion. Looks great, \$1095, 255-26

FOR SALE—Guitar and amplifier. 2 pickups. Tremelo. Perfect condition. With case Phone 277-9582.

Non-Credit Reading Course To Be Offered

A non-credit course in Effec-tive Reading and Study Habits designed to help students im-prove their reading speed and comprehension will be offered by the University Counseling Serv-ice this remoter.

ice this semester.

The course will be divided into The course will be divided into two sections, each one limited to 25 students. Section I will meet from 3 to 4 p.m. on Mondays and Wednesdays. Section 2 will meet from 4 to 5 p.m. on Mondays and Wednesdays. All meetings will be held in Room 207, Anderson Hall. Class work will consist of 26 sepsions beginning on Monday, Jan. 27, and continuing through Wed., April 22. Students who enroll for the course are expected to attend all sessions. Students interested in improving reading and study skills are invited to inquire about registration for the course at the University Counseling Service, Room 201 B, Administration Building, Extension 3394.

Extension 3394.

Extension 3394.
While speed does improve as a result of this course, the emphasis is on comprehension and study skills. This is not a speed reading course.

THURS. - SAT.

T-H-R-I-L-E-R-S-!

"TO CATCH A THIEF"

> Grace Kelly Cary Grant

-PLUS-

James Stewart in

WBKY Initiates Program Featuring Interviews With President Oswald

University radio station WBKY is initiating a five minute weekly program, University Report, in which Dr. John Oswald, president, will be interviewed by Graydon Hambrick of UK's Public Relations Department. Topics to be discussed will be those of interest to the general public.

"The plan," said Stuart Hal-lock, Chairman of the Depart-ment of Radio, Television and Pilms, "is that each week Dr. Oswald will meet with Mr. Ham-brick and the subject to be dis-cussed will be determined."

No set program or list of sub-jects has been compiled. He added that undoubtedly subjects such as the UK athletic program, com-munity college plan, and Fed-eral aid to education would be

The program will be heard at 7:25 each Monday evening. The department further hopes that the program may eventually be shown on TV. To insure an even shown on TV. To insure an even wider local coverage, the pro-gram will be recorded and offered to local radio stations.

"I believe," Mr. Hallock said,

Wesley Foundation

The University Wesley Foundation will furnish bus service for students wishing to attend church on Sunday. The bus will leave Donovan Hall at 9:20 a.m. Sunday night, Penrose Ecton will speak to the Wesley Foundation and show silies of his

dation and show slides of his trip to Africa. The program

"that the program will be a pub-lic service, in that the Univer-sity will be able to acquaint the citizens with the University's citizens with the role in the state."

A video-taped interview with Dr. Oswald which was made by a Paducah station for a local feature has been edited and will be used for a half-time program for Saturday's UK-Georgia Tech Mr. Hallock added that it is possible that parts of this tape may be used for some of the weekly programs to offer.

UK Service Bureau **Publishes Bulletin**

"In-Service Teacher Education:
A Conceptual Framework" is the
title of a new bulletin published
by the University Bureau of
School Service.
The work was prepared by Dr.
Fred Edmonds, assistant professor of education; Dr. James Ogletree, associate professor of edu-

sor of education; Dr. James Ogletree, associate professor of education; and Prof. Pat Wear, Berea College.

The bulletin concerns a theoretical base for the second phase of teacher education, and is the third in a series of publications which these authors have contributed to the Bureau. The other two concerned the preparation and function of educational supervisors.

The new publication discusses

The new publication discusses the function of teacher education in-service, the curriculum for inservice teacher education, the function of leadership and initiating an in-service program.

Dr. W. Paul Street, bureau director, is editor of the bulletin.



Two Hitchcock

with

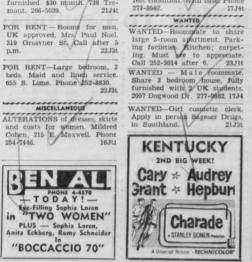
"VERTIGO"



SATURDAY ONLY AT 11:15 - 2:30 - 6:00 - 9:30 SHOWN DAILY (except Saturday) — 1:45 - 5:15 and 8:30







Kernel Women's Page



This was the scene at the ADPi house Tuesday night as the Lambda Chi actives arrived to reclaim their television set which their pledge class had stolen the night before. In the left picture Donna Meyer



and Frances Secrest bring out the set while on the right the Lambda Chis are shown paying the ransom, a serenade,

Campus Calendar

Jan. 1-31—Spindletop Hall closed.

Jan. 23—Alpha Zeta meeting, 7 p.m., Student Room Agriculture Bldg,
Pictures for Kentuckian to be taken.

Alpha Gam's entertaining Sigma Chis with a dessert.

Amateur Radio Club meeting, 5 p.m., Room 139R, Anderson Hall.

Dutch Lunch, noon Student Center.

Phi Upsilon Omicron, 6:30 p.m., lounge of Erickson Hall.

Jan. 23—Prospective cheerleaders meeting, 6:30 p.m., Student Center
Theatre. Theatre.

Theatre.

Jan. 23—AWS senate meeting.

Jan. 23—Beta Alpha Psi, Student Center.

Jan. 25—Swimming Meet, Kentucky-Emorg, Coliseum, 3 p.m.

Basketball, Kentucky-Georgia Tech, Coliseum, 3:30 p.m.

Jan. 29—Swimming Meet, Kentucky-Alabama, Coliseum, 4 p.m.

Eddy Gilmore, Lecturer, Concert-Lecture Series, Collseum, 8:15 p.m.

Jan. 24—TGIF.

Jan. 24—TGIF.

Jan. 30—Links reception for prospective members, 3:30-5 p.m.

Pledge Prank Time; Actives Be Prepared

pledges come up with new formulas for irritating the actives. This is the newest: take one sneaky pledge class, one portable television, one fraternity pledge trainer's fiancee, one car, a couple of phone calls, and a late night visit to a fraternity house, mix in the right proportions and you have the makings of a pledge

It all started Monday night when the sneaky little Lambda It all started. Monday night, when the sneaky little Lambda Chi pledges, their pledge pins not even well worn from Sunday's pledging ceremony, decided that it was time to start that old ritual of pranks on actives. What betterway to do this than to take the TV, especially with the frater-ternity's favorite program, "Combat," being on the next night. The plan of action decided upon they called Steve Field's fancee, Donna Meyer, she's also a pledge trainer, and asked if they could hide the TV in her car. Being used to pledge stunts she laughingly agreed.

At 3 o'clock Tuesday morning, with the actives snuggly tucked into their little beds, the pledges crept into the house and removed.

into their little beds, the pledges crept into the house and removed the set and pictures of the Pushcart Derby Queens. Being thoughtful pledges they left a note describing the ransom, a serenade at the ADPI house.

They carefully placed the set in Donna's car and left. The best root of the shoft was that she is

in Donna's car and left. The best part of the theft was that she is a student teacher and the car was gone all day.

When the Lambda Chi's called to ask if the ADPI's had the TV they truthfully answered that they didn't but it would be delivered to the house late in the day. They could not return it however, until the actives had They could not return it ver, until the actives had

The Gift That Only You Can Givel Your Portrait by **Curtis Wainscott** of SPENGLER STUDIO

PHONE 252-6672 N.E. Corner Main and Lin

seranded the sorority.

This slightly irritated the fraternity since they wanted to see their favorite TV program, right after dinner. Knowing that they couldn't get the set back to the house in time to watch the program they said that they would just come and watch it on the sorority set. After a few calls to the housemother and other strategic people the arrangement was completed.

When Donne returned from

When Donna returned from teaching the television was re-moved from the car and put in the housemother's room for safe

Fraternities can be sneaky! The hour arrived and the Lambda Chi's paid the ransom, got their TV back, and everyone adjourned to the recreation room of the sorority house to watch "Com-

The ADPi basement looked something akin to a theater with all the fraternity watching the Americans and the Germans fight the war over again.

One sidelight, the Lambda Chi's pledge trainer was a little surprised to find that his fiancee had been in on the whole thing. But I have been assured by the pledges and the actives that it was fun.

Hum! wonder what the rest of their pledge term holds in store for the actives.



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TIPS ON TOGS "LINK"

THE STOCK of those wonderful socks (that was de-"Marum" pleted at Christmas) has been replenished, and in a wide range of colors. I promised several guys I would let them know-so now you know

ON THESE cold days and nights, corduroy slax have sure been comfortable. I like to wear them for loafing on my hours off. With the proper treatment they seem to wear forever. If you wash them, I suggest you use luke-warm water to help control shrinkage (and naturally, no starch). I also suggest you dodge the dryers and allow them to dry by themselves. This also keeps down shrinkage. The same applies to khaki pants!

pleasure to see "Mr. and Mrs. Collins," of Mayslick, Ky., the other day. Their son Bill, (formerly at UK) is a fine friend of "Mrs. Collins," school and says their library re-ceives the "Kentucky Kernel" each week, and she always reads my column. (Kind Lady). Bill, I hope you like the all weather jacket they purchased for you, and I also hope you approved of the two ties I selected for your new suit. I understand that Bill's cousin "Bobby Dietz," (also formerly at UK and associated with the "Kernel" staff) is now a feature writer for the "Courier-Journal" in Louisville, Ky.

BUT SPORTY—If you would like a medium weight sport coat to start the early spring season—give a look at the authentic scotch plaids woven of light weight wools. They are very handsome and very easy to pair-up with various colored slax. If you like sport coats as much as I do—you will like these—Personally I like sport coats that look like sport coats—(not borrowed from a suit!)

AROUND THE MID-RIFF-Belts have always been a necessity, and now they have become quite a fashion focus point—they are colorful—made of a big selection of leathers, fabrics and designs. The big leader is the wide wide and the big buckle—A Must!

ANSWER TO A POST CARD-ANSWER TO A FOST CARD— Signed "Going to Florida," (lucky Devil),! Yes, I have some short sleeve dress and sport shirts, also short sleeve sweat shirts—Thanks "Florida Bound," for writing— (Wonder who he is?)

JAY CROSS - at Transylvania College, has been chosen as my campus representative at that fine institution. Jay, is a freshman in pre-dent, has pledged "Delta Sigma Phi" fraternity and member of Transylvania theater association, and contributes to the "Transylvanian" their literature magazine. Am sure Jay, will be a welcome and valuable member of my staff of

BASKETBALL—Filled last week-end, and happily so, the Cats really stunned the Vol's, and Transylvania beat Børea,—Lex-ington, is—or—should be proud —of both teams—I_say Congrat's.

Need Must Be Shown Before Summer Session Can Be Lengthened

Among the many criticisms that have been aimed at the tri-semester plan at the University is that the summer session will continue to be conducted as it has in the past.

Many students understood that one of the main purposes of the trisemester operation was to offer three full terms a year, thus enabling students to complete their education in less time or allowing them to omit alternate terms to work,

The summer term for 1964 will offer the usual nine-maximum-hour schedule and this procedure will probably continue in the future.

Before the transformation to a full third semester (or a double sum-

mer session as the Kernel suggested earlier) takes place a great number of students will have to demonstrate that they really want and need the change. Most schools today operating on the three-semester year have found that only 30 to 40 percent of the usual number of students take advantage of the summer session. This fact indicates that a third semester would not be fully utilized by students and, thus would not be educationally profitable for the University.

Until the need is demonstrated for a full third semester, UK students can expect nothing more than a short summer term.

Kernels

A little nonsense now and then is

reality, the "ground of being," "He who Is" is really hidden and unknown. Ideas, words, syllogisms, systems, thoughts, proofs, acts of piety, etc. all seem to fail to bring God up like a genie out of a lamp. If God is God he is known only as he chooses to make himself known. By personal encounter and confrontation he has made himself known to men-Moses, the prophets, Christ, Paul, Augustine, Luther, and he calls us first to answer our encounter with him. Only then can we begin to think and to

> Campus Minister Christian Churches (Disciples)

The Kentucky Kernel

The South's Outstanding College Daily UNIVERSITY OF KENTUCKY

ogton, Kentucky as second class matter during the regular school year except SIX DOLLARS A SCHOOL YEAR SUE ENDICOTT, Editor in Chief Entered at the post office at Lexin

CARL MODECKI, Campus Editor DAVID HAWPE, Managing Edite

Your Education Needs Evaluating

school year is over, it is a good time for students to take inventory of their progress in education.

Has your first semester of college been satisfying and rewarding? If so, you are to be congratulated. If not, a severe appraisal of your attitude and incentive might be beneficiary.

In order for a school to educate a person, the student must first want an education. The realities of life today should be sufficient incentive for every young person to work as diligently as possible to prepare himself for the future. Every source of

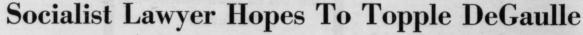
information is placing great emphasis upon the fact that education not only makes a difference, it is the difference.

Examine yourself and your wishes for the future. How much do you want out of life? That is also how much you want out of your education. You should so condition your mind that everything you do will be related to your desire to improve yourself through education.

Can you always find things to do other than those which you should be doing? The successful person has: (1) trained himself to a schedule in which the most important takes precedence over the less important; (2) disciplined his mind to stick with the task at hand; (3) determined to keep himself informed specifically in his field and generally in other areas; (4) seen that his work is a service to mankind and not for money and pleasure only. In other words, the successful person has so ordered himself that he is able to take full advantage of his life and talents, the opportunities presented to him, and the wonderful world about him.

You want a good job? You have one-getting a good education. And the incentive you have to do your job well and the ability you have to organize yourself so that you can do your job well will determine the benefits and rewards you will receive

-From the Subemeco



By JOSEPH E. DYNAN Associated Press Writer

PARIS-Like Young David setting forth to meet Goliath, a socialist lawyer turned politician has set out to topple Charles de Gaulle as president of France.

It won't be easy, the politician admits. He is Gaston Defferre (pronounced Duh-Fair), mayor of Marseille and boss of that city's biggest newspaper.

"It's no dishonor to be beaten by De Gaulle," he has said.

But Defferre, at least for the record, has no intention of being beaten. He has opened the country's first fullscale popular election campaign under the Fifth Republic with the avowed goal of replacing De Gaulle's go-it-alone policies with a more European and less nationalistic program, emphasizing education instead of armaments.

The election doesn't take place until the end of 1965 but Defferre explains that he needs an early start to offset De Gaulle's heavy advantage in terms of voter familiarity. De Gaulle is known to every Frenchman in a way that few if any rivals can

needed to get his image across to the French electorate. He also needs time to propound his views and to get the issues into focus for voters who for the first time in this century will be naming a chief executive by direct ballot.

Defferre's first aim, shared by other anti-Gaullists, is to convince people they actually have a choiceto dissipate a feeling that it's either De Gaulle or chaos.

For the moment, his immediate goal is to get his own party's endorsement to back up the rousing support voiced last weekend by the Socialist Party of his own Bouches-Du-Rhone department (county). A National Party Congress scheduled for Feb. 1 in a Paris suburb probably will give him the go-ahead.

Judging from his statements to Bouches-Du-Rhone Party stalwarts, Defferre intends to plug a simple theme: in the nuclear age, a strictly French nationalism is outdated and futile. The Frenchman's future is as part of a European federation. The money De Gaulle wants to spend on a French thermonuclear "force de frappe" should be spent on education.

Thus far on the national scene, Defferre says the early start is Defferre is best known as the sponsor of the Loi Cadre or framework law for local autonomy for French colonies in Africa, the legal forerunner of the independence these states now enjoy. De Gaulle took Defferre's ideas and expanded them first into the "French community." Then he allowed this concept to develop into nationhood for the ex-colonies. On this, naturally, Defferre has no argu-

A true son of Provence, or Southern France, Defferre was born in a small town of the Herault Department, just west of Marseille. He has belonged to the Marseille branch of the Socialist Party all his adult life.

Defferre took a leading role in the underground resistance against the Nazis in World War II – a weighty political asset in present-day France. He was parachuted into occupied France and upon liberation he helped found the newspaper Le Provencal, which he directs today.

Since liberation he had been either an official of the Marseille city government or a member of Parliament or both. He served the late Leon Blum in 1946 as state secretary for overseas France. At the moment he is the district's representative in the national assembly as well as Marseille

Defferre at 53 is relatively young for a leading politician in France. In a predominantly Catholic country, he is a protestant. He also is divorced from his first wife and now is married to a Belgian-born woman. There are no children.

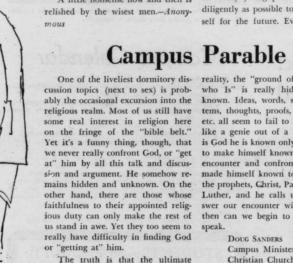
Defferre's great hobby is yachting aboard his 35-foot Pallynodie, which he takes on short cruises or races in Mediterranean regattas. He is known as a good sailor, and during races he takes his turn at the wheel or on watch.

At Marseille City Hall, Defferre is known as a worker.

In a most unFrench manner, he often does not go out for lunch, but simply takes a snack at his desk, frequently asking a secretary to warm a plate on an office burner.

Defferre's father was a doctor in the French Colonial Service, and the new candidate spent part of his youth in Dakar, now the capital of Senegal. A brother, Jacques Defferre, runs a newspaper in Toulon.

Defferre's election strategy, as thus far revealed, will be to attract as many anti-Gaullists and uncommitted voters as possible. He has refused an alliance with the Communists, knowing that this would alienate many otherwise sympathetic voters.



'No Holds Barred' In McCarthy's Book

"No holds barred" would seem to be an apt description for Mary McCarthy's latest novel "The Group. ' The book which covers a period from 1933 to the Battle of Britain, deals with nearly every subject from politics to childbirth and leaves almost nothing to the imagination.

Icaves almost nothing to the imagination.

It has a collective heroine—eight Vassar girls who "grouped together" at college and were graduated in 1933. Their sad-funny story is told through a series of episodes involving the girls both individually and as a group. Weird circumstances seem to bring them back together even after a span of several years.

Six of the girls were born to the Social Register, one's father was a self-made man, and one was from the Far West. All were determined not to be like their mothers and therefore took jobs following graduation.

following graduation

following graduation.

Kay, the least social of the group, provides the thread which ties the entire novel together. She is the first to marry and the first to die. Because of her background, she tends to envy the others and is outspoken and loud. Her not-too-loyal husband, Harold, embarks on several political escapades, forces her to support him while he "writes," and finally has her committed to a mental whas her committed to a mental or the group of the second of the sec ly has her committed to a mental

institution.

Demure Dottie, prone to illness, leaves New York for Arizona following an unhappy, but
short-lived love affair with a man
she met at Kay's wedding. This
affair returns to haunt her as
she makes plans for her marriage
to another man.

Lakey, the most independent
and probably the richest of the
group, spends almost the entire time traveling in Europe. She returns only to attend Kay's funeral.

Priss probably leads the dullest existence of them all. Her hus-

Priss probably leads the dullest existence of them all. Her hus-band, a pediatrician, forces her to try all of his new techniques on child-rearing. Though she has plenty of friends and travels in high social circles, she has been forced to think only of her child and what is best for him.

Pokey is plump and by far the least attractive of the group. However, because her family has plenty of money she never lacks for suitors, Following her marriage she moves from New York to Princeton, N. J., and commutes to Cornell University everyday to study veterinary medicine. This is accomplished because she flys her own plane.

her own plane.

Libby is a writer who begins her career as a reader for a publishing house and finally progresses until she becomes a literary agent.

She marries one of her clients after several semi-serious romances.

Polly, the quietest one of the group, finds herself involved in love affair with Libby's former boss. Fortunately, this ends just be fore her father, who has divorced her mother, comes to live wither. She ends up marrying an impetuous young doctor.

Helena leads the most sane existence of them all. Her only real involvement with the group's problems comes when she dis-covers Harold is unfaithful to Kay. She never marries and is content

just to teach school.

"The Group" is a very well-written book which is rated by some to be destined for the best-seller list. All the characters, right down to the family butler, are well developed and the situations are vividly described. Indeed, Miss McCarthy does not seem to fear saying anything regardless of how offensive it might be.

Because of the large number of characters, the reader has a tendency to forget the involvements of a single character. A period of as much as four or five chapters intervenes before the author returns to the initial character. Even with this problem, however, Miss McCarthy does a credible job of tying a series of seemingly unrelated events together.

The Group by Mary McCarthy, Haccourt

unremated events together.

The Group by Mary McCarthy, Harcourt, Brace & World, New York.

Sculpture, Ceramics Shown

The University Gallery opened a joint exhibition of sculpture and ceramics Sunday. Eighteen bronzes are being shown by Richard O'Hanlon, professor of sculpture at the University of California at Berkeley, John Tuska, who recently Joined the UK art department, will exhibit recent ceramics and drawings.

O'Hanlon has had one-man exibitions recently at the Carnegie institute of Technology, Pitts-urgh, and at the Willard Gallery in New York. His work is represented in major American museums and has been featured in the Sao Paulo Biennial in Brazil.

Tuska has been represented in major ceramics exhibitions and has been cited for outstanding work in the field.

The exhibition will continue through February 9. The gallery is open from 3 to 5 p.m. each Sunday; from noon to 4 p.m. on weekdays, and from 10 a.m. to 3 p.m. on Saturdays.

The Book Scene

Hawkes Pictures Two Wars In 'Anti-Realistic' Novel

By JOHN PFEIFFER Kernel Arts Editor

The omnivorous beast of war, which has stalked the world twice so far this century, has left little but an institution for the survivors in John Hawkes' brilliantly imaginative novel, "The Canni-

hankes set his book in Germany and combined both World Wars into a disturbing whole, which could almost be termed anti-realistic. The author's style necessarily invites comparison with William Faulkner and A Franz Kafka. He has used grotesque images with little or no continuity between paragraphs in order to capture the total destruction and mechanical movements of people fendered inhuman.

Throughout the book, one question recurs: Which way to the train station? But the question hangs unanswered. The path of escape from pain, from death, from the cannibal of destruction is finally attacked by the dogs— yelping and screaming and run-

Some of the imagery in "The Cannibal" can be termed tradi-tional, but most arises from the originality and genius of the au-

key who screams, "Dark is life, dark, dark is death," belongs to Hawkes' fertile imagination,

However, the ghosts who re-turn to the allied tank every night belong to a more familiar literature. They cannot be freed from the consequences of their deeds, yet they are victims of his-tory. Fate has led them to their crippled, condition; coexisionally crippled condition; occasionally they are able to glimpse their historic position.

historic position.

Hawkes' story is actually subservient to his powerful description and evocative imagery. He pictures the withering vitality of the German people and, in a sense, the people of the world.

In fact, if the introduction to In fact, if the introduction to the book were omitted, the story would be unclear and difficult to piece together. However, Al-bert J. Guerard has provided an excellent introduction which frees our minds to delight in the grey-ing shades of life the artist has used to paint his dying charac-ters.

ters.

The story goes as follows:
In 1945, a single soldier on a motorcycle is left to supervise a third of Germany. To the defeated Germans, he is the cannibal who has conquered them; at times, they can realize the broader scope of the picture.
In 1914 Stella, later Madame Snow, night club singer and

English traitor Cromwell and marries the feeble Ernst. Back to 1945: Madame Snow's boarding house in a ruined village har-bors her sister Jutta, mistress of Zizendorf.

Zizendorf is the new political Zizendor' is the new political leader and narrator of the story. He successfully plots the death of the lone American overseer and the capture of his motor-cycle; but the rebirth of an in-dependent Germany is dubious.

After an outbreak in the asy-lum on top of the hill which overlooks the small village, the patriots file back up the hill. They are returning to the insti-tution, even with their libera-tion and new hope. Still, they don't notice the carrion on the side of the road.

If this convention and the last.

If this generation and the last one are too aware of the past for another war, it is possible the next one will continue to ignore the carrion of the past and in-vite destruction? Perhaps.

At any rate, Hawkes has successfully portrayed the macabre picture of a once-vital society, nearly made impotent. And the author hardly seems to be limiting himself to Germany alone; he appears to be looking at a world society.

"The Cannibal," by John Hawkes, New Directions Paper-book, New York 14, N. Y., \$1.90.

Beginning Tuesday, February 4, the Kernel will print a series in four parts featuring the East Kentucky distressed area. Particular emphasis will be given to Hazard.

To bring you this story, two Kernel reporters spent two days in Washington interviewing top government officials. Five Kernel reporters spent four days in the area for the exclusive report.

The series covers four problem issues: Government, Business, Housing, and Education. Don't miss this informative report on a national problem zone.



Don't mis Barney Miller's

Last Day To Enter Ping Pong

Entry deadline for the University table tennis tournament is today. Any undergraduate or graduate student interested may sign up for play in the game room of the Student Center

The tourney will begin Monday, Feb. 3. All competition will take place in the Student Center.

Singles competition will be held with the champion representing UK in the regional tournament in Athens, Ga.

Both winner and runner-up will be entered in the regional tourney as the UK doubles entry.

Western's Carrier Nears 1.000 Mark

BOWLING GREEN-Darel Carrier, Western Kentucky's All-America guard candidate, is on the threshold of becoming the 13th player in Hilltopper history to score more than 1,000 points in a varsity basketball career.

1,000 points in a varsity baske Carrier, a 6-3 senior from Bristow, will go into Thursday night's Ohio Valley Conference duel with league-leading Morehead here with a total of 999 points scored over slightly more than two seasons. He has dumped in 227 in nine previous games this season for a 252 a sergace.

Other members of Western's rather exclusive "Thousand Club" are Ralph Crosthwaite (2,076), Tom Marshall (1,909), Bobby Rascoe (1,670), Art Spoelstra (1,510), Charlie Osborne (1,359),

Forest Able (1,221), Jack Tu er (1,123), Bob Lavoy (1,071), Bobby Jackson (1,060), Gene Rhodes (1,029), Carlyle Towery (1,010), and Bob Daniels (1,010).

Morehead heads the OVC standings with a 3-0 record and the Eagles are 6-2 against all opponents this season. Western opponents this season. Western will carry a seven-game losing streak and a 1-3 OVC record into the 7:30 p.m. tussle with Morehead. The Hilltoppers' over-all record is 1-8.

The duel will afford Bowling Green fans a look at two of the finest guards in the nation. More-head's answer to Carrier is jun-ior Harold Sergent. He has to-taled 242 points in the Eagles' eight games for a 30.2 average.

Another big defensive problem Another big detensive problem for the Toppers is the scoring of Eagle center Henry Akin, a 6-9 sophomore center who is scoring at a surprising 20.8-points-per-game clip.

Western's biggest offensive Western's biggest offensive need is to regain its shooting prowess. The Hilltoppers have out-rebounded both of their last two opponents—Tennessee Tech and Murray—only to find that poor shooting has kept them out of the win column. This has been in direct contrast to the early part of the season, when Western was hitting well from the field but colud not muster sufficiel but colud not muster sufficiel but colud not muster suffield but colud not muster sufficient board strength.

Western's freshman team, unefeated in seven games, will face Lindsey Wilson Junior College in a preliminary game Thursday at

Nash Shoots For Record SEC Points

Averaging 29 points per game is a big order, but that's what Kentucky's Cotton Nash will have to do if he has his sights set on the SEC one-year scoring record.

This means that the blond bomber will have to raise his average by over a point per game in the 10 remaining starts if he is to surpass the season scor-ing leader, Jim Ashmore.

Ashmore, who played under the Maroon banner at Mississippi State, holds the present record of 708 points. This came in the 1957 season.

Nash currently leads the conference in scoring with a 27.4 average. To best Ashmore's mark, be will have to score 208 points.

he will have to score 298 points in the Wildcats' remaining 10

If the Wildcats can top the SEC, Nash's scoring in the NCAA will also be tacked on to his sea-son's total giving him an almost sure shot at the one-year scoring

Press Box

By Wally Pagan

Kentucky fans are in store for another big weekend as the Georgia Tech Engineers invade for an afternoon TV clash in the Coliseum, but that is just the highlighted spot in an entire day and evening that will be filled with sports

Kicking off the day will be the Catfish of Coach Algie Reece as they will meet Emory University in a 1 p.m. swim

Reece's crew has gotten off to a good start by drowning the Louisville Cards last week and will be going after their second win against the Atlantans.

You don't have to even more out of the Coliseum to take in the entire day of sports. Adolph Rupp's Wildcats follow up the swim meet at 3 p.m. with a crucial SEC contest against

Mr. Rupp and Co. will be out to break a Whack Hyder jinx of six victories in the last seven contests. The Wildcats probably would like to follow one precedent, though.

The last time Kentucky met Tech on TV was in 1961 when the Wildcats were led to victory by Billy Ray Lickert over the Roger Kaiser led Yellow Jackets. It, however, was played before a national TV audience.

The action doesn't end there either. At 7:30 the Kittens will tangle in a long awaited battle with the Bearkittens from the University of Cincinnati.

Everyone seems to have been waiting patiently for this game since the Cats can salvage their basketball reputation by beating the number one threat.

Students will not be permitted into the game by ID card, however. There will be a 50 cents charge for students and a \$1 charge for adults. Proceeds from this game will go to the "Dollar For A Scholar" fund which was established by the K men's club earlier this year.

By the way, this will be K Club day with all old Kbasketball lettermen being on hand to sign autographs before the frosh game.

The K men will have a full day in store for them starting with a noon luncheon, basketball game, board of directors meeting, and finally the frosh game. At the halftime intermission of the Kitten game, each K man will be introduced.

One feature of the evening attraction will be the auctioning off of five basketballs with the autographs of the present team. The balls will go to the highest bidder with the money going to the scholastic fund.

Many schools are boasting about their great attendance figures for their present basketball season, but surely Kentucky has one of the best. The Wildcats have played before 156,213 for all games, 105,350 fans have seen home games while 50,863 have seen the Cats on the road.

This gives Kentucky an average 11,705 for their home games, an average that not many can match. This home attendance is not inclusive of the Notre Dame game in Louisville which drew an estimated 17,000.

'64 Olympic Tryouts Are Set For Coliseum

The University will play selected from the entire NCAA host to 30 of the nations top basketball players next March for a period of training leading to the 1964 Olympic Basketball trials.

The 30 players have not yet been selected, but they will be

membership. The team will include six members of the NCAA championship team which will be determined March 20-21 at

be determined March 20-21 at Kansas City, Mo.

The students at the University will probably be able to attend the training sessions during the last week of March. There are several tentative exhibition games scheduled, however, the dates and places have not yet been announced.

After the players have completed their week of training they will go to New York to compete in the tryouts for a place the U.S. Olympic Basketball team. They will be competing against players from two AAU teams and two from the armed



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We're Goin' To Ka

Rupp's Cats Harvest **Top Crop Of Cotton**

subject here at the University, but this week there may be of some interest in the field of English for all ardent Kentucky basketball fans. In this week's issue of Practical English, a weekly magazine published by Scholastic Magazine, the Wildcats' own Cotton ash is the subject of the feaared article. Here's what they had to say about Cotton.

"The sun shines bright on that Kentucky mainly to a bumper crop of cot-ton—Cotton Nash, that is.

ton—Cotton Nash, that is.

"To the coeds at Kentucky,
6-5, 220-pound Charles (Cotton)
Nash is the most beautiful hunk
of man this side of Richard
Chamberlain. To Coach Adolph
Rupp, Cotton becomes beautiful
only when he's playing basketball
the way he can.

"The blood Anollo seems to

the way he can.

"The blond Apollo seems to have everything. He's so powerful, quick and graceful, he can play anywhere—up front, center or backcourt. He also has a deadly little jump shot and a nice hooker, can pass off prettily, can go up under the boards like a yo-yo, and can defense players three or four inches taller.

"His only trouble is inconsis-

"His only trouble is inconsis-

"His only trouble is inconsistency. For some strange reason, he'll start throwing wild passes and forcing his shots. Coach Rupp's blood pressure will then soar, and out will come Cotton. By the next game, however, Cotton will go back to looking like another Figin Baylor. In his two seasons at Kentucky, Cotton has averaged over 20 points and has been the leader in rebounds.

in rebounds.

"Still Rupp is unhappy. "This boy is so great," Rupp says, 'I expect him to score 36 points, haul down 18 rebounds, make 10 assists and hold his man down to

assists and hold his man down to 6 points every time out. He really has that sort of potential."
"Three things you must give Cotton credit for are (1) he's one of the handsomest basketball players around; (2) he's the best all-around athlete among the college basketball stars, and (3) he's lived in more places than any other college player.
"Cotton, who got his nickname as a boy from the color of his hair, was born in Jersey City in 1942. His dad, an industrial engineer who was a college athlete,

gineer who was a college athlete, encouraged his husky young son

gineer who was a college athlete, encouraged his husky young son to play all sports.

"The basketball bug hit Coton at the age of 11, when his hd was transferred to Charlestown, Ind. Cotton played grammar school and junior high ball at nearby Jefferson. As a high school soph, he played under Cliff Baker, one of the greatest players in Kentucky's history. Coach Barker polished Cotton's rough edges, and Cotton wound up his first varsity season with a 15.6 scoring average.

"In midseason, Dad Nash received new traveling orders—this time to Orange, Texas. He left Cotton behind to finish the sea-

UK Football Banquet Set For Next Monday

The annual UK football din-ner, which was postponed from Nov. 25 because of the assassi-nation of President Kennedy, will be held Monday, Jan. 27 at the Student Center on the UK campus. The UK Athletics As-sociation is sponsoring the ban-quet, which will honor both the varsity and freshman teams.

the magazine of satire and parody is looking for a sales representative on the Kentucky campus. For informa-

son. In the spring, Cotton en-rolled at Orange High in time to letter in baseball. His dad then discovered that Cotton would lose a year of football and basketball a year of foctors and basectors eligibility because of a Texas transfer rule. So the Nashes moved—again—to Lake Charles, La., 40 miles away. That's where Cotton really came into his own.

Cotton really came into his own.

"As a pass catching end in football, he led his team to the state championship in football, twice making All-State. In the spring, he went out for track and became one of the finest discuss throwers in the state. Lake Charles didn't field a baseball team, but Cotton played in the summer, as a power-hitting first-baseman and pitcher. A half dozen big league scouts liked the husky kid, and offered him pretty good bonuses to sign a big league contract.

"Cotton was too intent on a

"Cotton was too intent on a college education to pay them

"Meanwhile, the college basket-ball scouts were swarming Lake Charles like files. The big boy averaged 27.2 points per game as junior and 33.2 in his senior year, when he made Scholastic Magazine's All-America Team.
"That was a hectic year, 're-calls his mother. 'We had some-one for dinner almost every night. I fixed more dinners that summer after graduation than I had in my entire married life.'
"Cotton chose Kentucky be-Meanwhile, the college basket-

"Cotton chose Kentucky be-cause he liked its beautiful arena,

People, looking at this tremen-dous athlete, don't realize that he has a fine head between those broad shoulders.

broad shoulders.

"Cotton was an honor student all through grammar school. In fact, as a ninth-grader he won the annual American Legion medal for turning in the best grades among 400 students. At Kentucky, he has maintained a high R-average as a predental high B-average as a predental major. He studies so hard that he rarely completes his homework before midnight.

before midnight.

"In baseball last year, Cotton played five different positions — all three outfield spots, shortstop and pitcher. He posted a 4-1 record, led the staff in earned-run average with 3.15, clouted five homers (one shy of the school record), drove in 23 runs, hit five doubles and two triples—which is pretty sensational clouting for a college player.

college player.

"While Cotton hopes some day to be a dentist, he's first going to give pro ball a whirl. His favorites line up as follows: movie stars—Marlon Brando and Jane Fonda; singer.—Johnny Mathis; band—Dukes of Dixieland and the Ventures and hobbies—water sports and traveling.

"He has one terrible weakness—cream cheesecake." Mother makes the best cheesecake in the world, he brags. 'And one of the beauties of going home (which, by the way, now is Leominster, Mass.) is to know that a nice, big piece of cheesecake is

nice, big piece of cheesecake is waiting for me!"



Blond Bomber Is Vicious Driver

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A GUIDE FOR THE GUIDERS

One of the most interesting academic theories advanced in many a long year has recently been advanced by that interesting academic theorist, E. Pluribus Ewbank, Ph. D. who holds the chair of Interesting Academic Theories at the St. Louis College of Footwear and Educational Philosophy. Dr. Ewbank said in the last issue of the learned journal, the Mount Rushmore Guide to Scholastic Advancement and Presidents' Heads, that we might be approaching the whole problem of student guidane from the wrong direction.

from the wrong direction.

Dr. Ewbank, a highly respected pedagogue and a lifelong smoker of Marlboro Cigarettes, (I mention Marlboros for two reasons: first, to indicate the scope of Dr. Ewbank's brainpower. Out of all the dozens of brands of cigarettes available today, Dr. Ewbank has had the wit and taste to pick the one with the most flavorful flavor, the most filtracious filter, the most soft soft pack, the most flip top Flip Top box: I refer, of course, to Marlboro. The second reason I mention Marlboro is that I get paid to mention Marlboro in this column, and the laborer, you will agree, is worthy of his hire.)

But Lifesses To return to Dr. Ewbank's interesting theory.

But I digress. To return to Dr. Ewbank's interesting theory, he contends that most college guidance counselors are inclined to take the easy way out. That is to say, if a student's aptitude tests show a talent for, let us say, math, the student is encouraged to major in math. If his tests show an aptitude for poetry, he is directed toward poetry. And so forth.



All wrong, says Dr. Ewbank. The great breakthroughs, the startling innovations in, let us say, math, are likely to be made not by mathematicians—whose thinking, after all, is constrained by rigid rules and principles—but by mavericks, by nonconformists, by intuitors who refuse to fall into the rut of reason.

by rigid rules and principles—but by mavericks, by nonconformists, by intuitors who refuse to fall into the rut of reason. For instance, set a poet to studying math. He will bring a fresh, unfettered mind to the subject, just as a mathematician will bring the same kind of approach to poetry.

By way of evidence, Dr. Ewbank cites the case of Cipher Binary, a youth who entered college with brilliant test scores in physics, chemistry, and the calculus. But Dr. Ewbank forced young Cipher to major in poetry.

The results were astonishing. Here, for example, is young Cipher's latest poem, a love lyric of such originality that Lord Byron springs to mind. I quote:

He was her logarithm,
She vas his cosine.

Taking their dog with 'em.

They hastened to go sign
Marriage was which they joufully shared,
And wooed and wed and pir squared.

Similarly, when a freshman girl named Elizabeth Barrett Sigafoos came to Dr. Ewbank to seek guidance, he ignored the fact that she had won the Pulitzer prize for poetry when she was eight, and insisted she major in mathematics. Again the results were startling. Miss Sigafoos has set the entire math department agog by flatly refusing to believe that six times nine is 54. If Miss Sigafoos is correct, we will have to re-think the entire science of numbers and—who knows?—possibly open up vistas as yet undreamed of in mathematics.

up vistas as yet undreamed of in mathematics.

Dr. Ewbank's unorthodox approach to student guidance has so impressed his employers that he was fired last week. He is currently selling beaded moccasins at Mount Rushmore.

We, the makers of Marlboro, know only one kind of guid-ance: the direct route to greater smoking pleasure. Try a fine, filtered Marlboro, available wherever cigarettes are sold in all fifty states of the Union.



Museum To Have Civil War Relics

Park, Perryville, will also house office space, lobby, 3,000 square feet will primarily house a museum destorage room on the ground level and caretaker's picting the Civil War, with emphasis of the Battle quarters on the lower level at the rear of the buildof Perryville. It will be located near the existing ing. This preliminary sketch, released by State picnic shelter building. Parks Commissioner Edward V. Fox, shows the

Museum building for Perryville Battlefield State walls of redwood and stone. The entire building of

Cheerleading Requirements

There will be a meeting at 6:30 p.m. Thursday in the Stu-dent Center theater to explain requirements for becoming a cheerleader. All students in-terested in cheerleading should attend this meeting. New mem-bership cards will be given.

UK Traffic Research Aided By Cinematography

Traffice research, a major activity within the University Department of Civil Engineering for some time, has been reinforced with a new data-gathering tool—cinematography.

Two years ago, when department chairman David K. Blythe was in Scotland, he noted the use of movie cameras in traffic con-

of movie cameras in traffic con-trol studies and pondered the possibility of introducing these devices for similar investigations

As a result of Professor Blythe's visitation and contacts abroad, Robert White of the Royal Col-lege of Sciences and Technology of Glasgow has served during the fall semester as visiting professor fall semester as visiting professor for traffic courses at UK, and has spent many hours teaching graduate students techniques for studying traffic patterns and problems with a camera adjusted to record situations at one-second intervals.

"Cinematography," says Pro-fessor White, "affords an ideal Iessor White, "alfords an ideal scheme for measuring and amassing data on traffic because the film-stores a wealth of information which, if logged manually, would take much time and require many individual counters and observers."

With the desired time interval

with the desired time interval established for any given traffic problem, any frame of the 16-mm. film can be halted on the

The Scotsman's work with civil engineering students has centered engineering students has centered on two Lexington intersections— one where signal lights exist and one where there are stop signs only. At both locations, the cam-era was operated from high ele-vations to capture traffic stream movement converging from four directions

The studies will have to be ex-tended if definite conclusions on certain situations are to be darwn, says Proffesor White, who leaves this week for his home institution to continue his work in traffic re-

He claims that cinematography may eventually lead investigators to more fully understand basic elements in traffic measurement. Further, he believes this know-ledge will enable existing mathe-matical theories to be tested ledge will enable existing mather matical theories to be tested against observations with the chief result being the finding of constants to be used in future traffic gauging calculations.

He contends that increased comprehension of traffic theory will make it possible for programs to be styled for electronic com-puters which may in many cities take over the work of controlling traffic for reduction of congestion and delays.

Machine computions already are being used in Los Angeles, phases of traffic control, he notes

Historian Says Pierce Was Key Man To Prevent Civil War In America

The little-known President, Franklin Pierce, could have pre-vented the Civil War, according to Dr. Holman Hamilton, profes-sor in the Department of His-

In a recent address to the Ken-

In a recent address to the Kentucky Civil War Roundtable at a session at the Imperial House, Dr. Hamilton said that neither Fillmore, Buchanan, nor Abraham Lincoln could have kept the Union intact without war.

"Franklin Pierce was president in the early 1850's," Dr. Hamilton said. "He started out with big majorities in Congress. The time for him to act effectively was during the period March-August, 1853, because of this majority and the fact he had carried all but four states in the election."

The speaker pointed out that Pierce lacked imagination and could not anticipate difficulties. The President might have avoided some troubles by urging railroad legislation to connect the West and East coasts, for example, he said.

Pierce falled, Dr. Hamilton said,

Pierce failed, Dr. Hamilton said,

tive program, "a program which might have held in the package something for evey congressman whose vote he needed, and for every region on which his domin-ance depended".

Pierce failed to compromise and allowed a political vacum to form which speeded the onset of the

Dr. Hamilton added that by the time Lincoln became Presi-dent, the war was all but inevit-able.

He said that the 1850's proved He said that the 1850's proved that "too many times there has been an unwillingness on the part of Americans to make major or even minor sacrifices of thought, time, convenience, and conduct in order to present wars.

"The truth is that the failures of statesmen are not ordinarily due to treason, felony, or misdemeanor, but to errors of judgment, temper, and calculation.

"Patchwork solutions of impos-ing governmental problems sel-dom have been of permanent benefit to the last, best hope of earth," Dr. Hamilton concluded.

Stellar Exploration Termed Impossible

Though man may eventually travel around the solar system as easily as he journeys on and around the earth, he will have to limit his quest mainly to theoretical activity for more knowledge of the physical characteristics of the stars

Why? Dr. Wendell C. DeMar-

Why? Dr. Wendell C. DeMarcus, University astrophysicist, supplies these comments in explanation:
Exploration of stars would be impossible because of their temperature and, except for the sun, their distance. Planets, some of which might be visited by man, core exist elegistal hooties, which which might be visited by man, are solid celestial bodies which appear brilliant in the night sky because they reflect the light of stars such as the sun. True stars are self-luminous masses of tor-

rid gases.

Dr. DeMarcus has begun work on a study aimed at producing a clear-cut theory to serve as a a ciear-cut theory to serve as a gauge for measuring ion pressure and density of a star's photo-sphere—the luminous layer be-tween the interior gases of a star and the cooler, thinner gases that make up the solar atmos-phere.

His research is supported by an \$11,200 grant from the Naan \$11,200 grant from the National Science Foundation. The fund, covering a three-year period, is administered by the Kentucky Research Foundation.

This phase of stellar investigation is not new. However, authorities have pointed out that existing theories for ion density

measurements are inadequate.
Hydrogen—the dominant element in almost all stars—plays the major role in the UK project.
But it is an ionized form of hydrogen that makes it ideal for this particular type of study.

drogen that makes it ideal for this particular type of study.

Calculations on the energy of the ionized hydrogen molecule are being made in order to improve the existing theory, which makes use of the simpler Stark Effect—the effect of a strong, homogeneous, transverse electric field upon the spectrum lines of the gas subjected to its influence.

Dr. DeMarcus says the theory he hopes to develop could also be applied to thermonuclear research and to studies of "plasmas"—regions where positive and negative ions are numerous but so nearly equal in number as to neutralize each other's effect.

Nine or 10 technical papers are expected to be published during the progress of the UK scientist's investigation.

Dr. DeMarcus formerly was principal physicalist and head of the Theoretical Physics Department at the Dak Ridge Gascous Diffusion Plant. He joined the UK faculty in 1957.

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