

Minutes of the Special Meeting of the Board of Trustees of the University
of Kentucky on Tuesday, February 18, 1969

In accordance with action taken at the May 7, 1968 meeting, the Board of Trustees of the University of Kentucky met in special session on Tuesday afternoon, February 18, 1969 at 2:00 o'clock, Eastern Standard Time, in the Board Room of the Administration Building on the campus of the University with the following members present: Mr. Albert G. Clay, Vice Chairman, Mrs. Rexford S. Blazer, Secretary, Mr. Richard E. Cooper, Dr. Harry Denham, Mr. George W. Griffin, Mr. Robert H. Hillenmeyer, Mr. J. Robert Miller, Mr. B. Hudson Milner, Dr. N. N. Nicholas, Mr. Floyd H. Wright, non-voting faculty members Professor Paul Oberst and Dr. Robert W. Rudd, and non-voting student member Wallace Bryan. Absent from the meeting were Governor Louie B. Nunn, former Governor A. B. Chandler, Mr. William R. Black, Mr. Wendell P. Butler, and Mr. James H. Pence. Present as representatives of the administration were Acting President A. D. Kirwan, Vice Presidents A. D. Albright, William R. Willard, Robert F. Kerley, Glenwood L. Creech, Lewis W. Cochran, Stuart Forth, and Assistant Vice President Alvin L. Morris. Members of the various news media were also present.

A. Meeting Opened

Mr. Albert G. Clay, Vice Chairman of the Board, explained that Governor Nunn, who had been in attendance at the luncheon meeting preceding the formal meeting of the Board, had to return to Frankfort. Mr. Clay presiding in his absence called the meeting to order at 2:00 p. m. Following the invocation pronounced by Mr. Clay, the Secretary called the roll and reported a quorum present. The meeting was declared officially open for the conduct of business at 2:05 p. m.

B. Resolutions Adopted

Since the Minutes of the January 29 meeting of the Board of Trustees had not been distributed prior to the February 18 meeting, Mr. Clay indicated that action would be delayed on approval of such Minutes until the March 18 meeting. He then asked President Kirwan to read the following resolution on the death of Dean William A. Seay.

RESOLUTION ON THE DEATH
OF
WILLIAM A. SEAY

The Board of Trustees of the University of Kentucky notes with sorrow
the death of

DEAN WILLIAM A. SEAY

on February 1, 1969. As student, professor and administrator, he had been associated with the University for more than a quarter of a century, during the last seven years of which he was Dean of the College of Agriculture and Director of the Cooperative Extension Service. In this dual role, he was, to great numbers of people throughout the Commonwealth, the embodiment of this University.

Equally at home on isolated farm or in high councils of government, he worked tirelessly at either level to ensure the success of programs that he rightly considered requisite to mankind's survival--the more efficient production of food and fiber.

Dean Seay brought to these tasks an impressive talent for leadership. Central to his success in reshaping the College of Agriculture and the Extension Service into institutions ever more responsive to society's changing needs were the trust and respect that he elicited from faculty, students, and the multi-faceted agricultural industry.

His ability to call forth the best from his associates, coupled with his integrity, his great energy, and his devotion to the University and the Commonwealth, made him a unique public servant. His loss at any age would have been a major setback to this institution. Adding a special poignancy to his death under these circumstances is the assurance of what he would have contributed had he been spared.

The Board of Trustees of the University, in full recognition of the enormity of its loss, officially mourns the tragedy and directs that copies of this resolution be spread upon the Minutes of the February 1969 meeting and transmitted to the family of Dean Seay.

Dr. Rudd moved that the resolution be adopted, spread upon the Minutes of the February 18, 1969 special meeting of the Board of Trustees, and copies transmitted to the family of Dean Seay. His motion was seconded by Dr. Denham and, without dissent, it was so ordered.

Dr. Kirwan said he wished next to read a resolution on Mrs. Mary Elliott Hill, the wife of Dr. Carl Hill, President of Kentucky State College. The resolution follows:

RESOLUTION ON THE DEATH
OF
MRS. CARL M. HILL

The Board of Trustees of the University of Kentucky notes with sorrow the death of

MARY ELLIOTT HILL

on February 12, 1969.

Teacher, wife, mother, and first lady of Kentucky State College, Mrs. Hill contributed through the warmth and dignity of her personality to the social and cultural life of Kentucky State College and was beloved by students and faculty alike. Her gracious hospitality, her understanding, and her interest in the welfare of young people endeared her to all with whom she came in contact.

A loving and devoted helpmate, Mrs. Hill with her keen intelligence and depth of understanding of the needs of higher education in the Commonwealth of Kentucky, in a quiet and unassuming way, helped Dr. Hill to achieve his goals of excellence for Kentucky State College.

The University of Kentucky and the other sister institutions of Kentucky State College are saddened by her passing. An admired and respected colleague, her presence at official and social functions will be missed.

The Board of Trustees of the University of Kentucky extends to her husband, Dr. Carl M. Hill, to her daughter and to her brothers its deepest sympathy, joins them in mourning her passing, and directs that copies of this resolution be spread upon the Minutes of the February 1969 meeting and transmitted to the family of Mary Elliott Hill.

On motion by Mr. Hillenmeyer, seconded by Mr. Cooper, and passed, the resolution on the death of Mrs. Mary E. Hill was adopted, ordered spread upon the Minutes of the special meeting of the Board of Trustees on February 18, 1969 and copies transmitted to Mrs. Hill's family.

C. President's Report on Activities

Dr. Kirwan gave a brief resume of some of the items contained in PR 1, President's Report to the Trustees. Mr. Clay accepted the report with thanks and ordered it filed.

D. Recommendations of the President (PR 2)

President Kirwan indicated that the recommendations contained in PR 2 required Board approval but were of a routine nature. He recommended approval of PR 2 as a whole.

Mr. Milner moved that PR 2 be approved as a whole and made an official part of the Minutes of the February 18 meeting. His motion was seconded by Dr. Denham and, all present indicating approval, it was so ordered. (See PR 2 at the end of the Minutes.)

E. Portrait of Former President John W. Oswald Accepted

President Kirwan called attention to the portrait of Dr. John W. Oswald, immediate past President of the University which was hanging on the east wall of the Board Room. He said that the committee, composed of Mrs. Blazer, Chairman, Dr. Denham and Mr. Hillenmeyer, had commissioned the portrait to be painted by Mrs. Mary Ann Currier of Louisville, Kentucky, and recommended that the portrait be accepted and authorization given to pay the artist.

On motion by Mr. Cooper, seconded by Mr. Wright, and passed without dissent, the oil portrait of former President Oswald, painted by Mrs. Currier, was accepted and authorization for payment of the artist was given.

F. December Candidates for Degrees Approved (PR 4)

President Kirwan called attention to the list of individuals who had completed the requirements for degrees in December 1968, noting that of the 754 candidates for degrees, 179 had qualified for graduate degrees, 23 for the professional degree of Juris Doctor, and 552 for undergraduate degrees. Of the graduate level degrees, there are 31 Ph. D. candidates and 6 Ed. D. candidates.

On motion by Dr. Nicholas, seconded by Mr. Milner, and approved unanimously, the President was authorized to confer upon each individual whose name appears on the list certified by the Dean of Admissions and Registrar the degree to which he is entitled at the commencement exercises on May 12, 1969. (See PR 4 at the end of the Minutes.)

G. 1968-69 Budget Revisions (PR 5)

At the request of Dr. Kirwan, Dr. Albright^D called attention to the recommended budget revisions set forth in PR 5 and explained that these revisions resulted from receipt of additional funds not anticipated when the 1968-69 budget was adopted.

On motion by Dr. Denham, seconded by Mr. Milner, and passed, the budget revisions recommended in PR 5 were authorized and approved. (See PR 5 at the end of the Minutes.)

H. Two Graduate Programs Approved (PR 6 and PR 7)

Dr. Cochran explained the procedures followed for evaluating and approving new graduate programs. The procedures mentioned are given in the background statement of PR 6 which is included at the end of the Minutes. He said that the graduate program in entomology leading to the degrees of Master of Science and Doctor of

Philosophy and the graduate program in pharmaceutical sciences leading to the degrees of Master of Science and Doctor of Philosophy had both been evaluated and deemed financially feasible with no additional resources required and had been approved by the proper bodies within the University. He, therefore, recommended approval of the two programs by the Board of Trustees.

On motion by Mrs. Blazer, seconded by Mr. Griffin, and passed without objection, approval was given to the activation of a graduate program in entomology leading to the degrees of Master of Science and Doctor of Philosophy and of a graduate program in pharmaceutical sciences leading to the Degrees of Master of Science and Doctor of Philosophy. (See PR 6 and PR 7 at the end of the Minutes.)

I. External Auditors for 1968-69 Engaged (FCR 1)

Mr. Clay asked Dr. Denham, Chairman of the Finance Committee of the Board, for the report of this committee. Dr. Denham explained that the Finance Committee had considered the items to be acted upon and that each one had approval of the members present. He added, however, that a quorum had not been present at the Finance Committee meeting.

The first recommendation from the Finance Committee was for approval to engage the firm of Peat, Marwick, Mitchell & Company to perform the external audits for the year ending June 30, 1969 for a fee, including expenses, of not more than \$35,000. This firm conducted the 1967-68 external audit. It is considered good policy to retain the same firm for two or three years and, since the audit for 1967-68 had been satisfactory, it was felt desirable that Peat, Marwick, Mitchell & Company be engaged for the 1968-69 audit and he moved that the recommendation contained in FCR 1 be approved. His motion was seconded by Mr. Cooper and all present voted aye. (See FCR 1 at the end of the Minutes.)

J. Agreement with Tennessee Valley Authority Approved (FCR 2)

Dr. Denham asked Mr. Kerley to discuss the recommendation in FCR 2. Mr. Kerley pointed out that a copy of the proposed agreement with Tennessee Valley Authority had been sent to the Board members. Since 1935 the University of Kentucky and TVA, under previous agreements, have conducted a cooperative program with farmers to develop agricultural resources in Kentucky. This program has been quite successful but changing agricultural conditions in the Valley have caused a reassessment of the program and the new agreement covers a revision of the present program to include a number of new program elements. He concluded his remarks with the statement that the agreement before the Board for execution had been recommended for approval by Dean William A. Seay prior to his death.

On motion by Mr. Hillenmeyer, seconded by Dr. Nicholas, and passed, the President was authorized to execute the agreement with TVA providing for cooperative

agricultural resource development activities in Kentucky during the period 1969-73. (See FCR 2 at the end of the Minutes.)

K. Appropriation from Commonwealth General Fund Allocation for Capital Projects (FCR 3)

The University's portion of funds allocated in the Governor's Executive Budget for 1968-70 for capital projects amounted to \$1,853,500. Approval from the Board of Trustees for the allocation of this money to defray the cost of planning and implementing the projects listed in FCR 3 was recommended by Mr. Kerley. He added that the projects all carried high priority within the total capital needs on the main campus and in the community colleges.

On motion by Dr. ~~Denham~~, seconded by Mr. Wright, and passed unanimously, the recommendation allocating \$1,853,500 to the projects listed in FCR 3 was approved. (See FCR 3 at the end of the Minutes.)

L. Progress Report on Search for Agriculture Dean

Mr. Clay asked Dr. Kirwan to report the steps being taken to find a replacement for Dean William A. Seay who was killed in an airplane crash on February 1, 1969. Dr. Kirwan said that a search committee would be appointed immediately from a list of names recommended to him by the Senate Council. Realizing the importance of this key position, not only to the University of Kentucky but to the people of the state, particularly to those engaged in agriculture, the committee would be requested to move with haste in formulating a panel of names of individuals whom they considered to be competent to fill this position. The list would be submitted to the President who will conduct the necessary interviews and seek advice from colleagues and agricultural leaders throughout the state. When a decision is reached, a name will be presented to the Board for final approval.

Mr. Clay thanked Dr. Kirwan and re-emphasized the need for conducting the search with speed and dispatch.

M. Hospital Committee Report

Mr. Clay called on the Hospital Committee for its report which was presented by Dr. Willard. The committee met at 11:00 o'clock on Tuesday, February 18, and elected former Governor Chandler Chairman of the committee and Dr. N. N. Nicholas Vice Chairman. The committee agreed to hold monthly meetings and, because of the interrelation of the Hospital with the various segments of the Medical Center, agreed to change the name of the committee to the Medical Center Committee. The committee considered the following matters: (1) a report on some of the current pressures about the manpower shortage, particularly physicians, and to the College of Medicine's plans

for increasing the supply, (2) took cognizance of some of the public relations problems that the Medical Center faces and Dr. Morris was asked to chair a committee to work with Dr. Creech and the Public Relations people in solving the problems, and (3) briefly scanned what is projected in the way of expansion of physical facilities.

Mr. Clay accepted the report with thanks.

N. Meeting Adjourned

Having first determined that there was no further business to come before the Board, Mr. Clay called for a motion for adjournment. Mr. Hillenmeyer so moved. His motion was seconded, and passed, and the meeting adjourned at 2:30 p. m.

Respectfully submitted,

Lucile T. Blazer, Secretary
Board of Trustees

(PR's 2, 4, 5, 6, 7, and FCR's 1, 2, and 3 which follow are official parts of the Minutes of the February 18, 1969 special meeting of the Board of Trustees of the University of Kentucky.)

PR1

PRESIDENT'S REPORT TO THE TRUSTEES

February 18, 1969

1. BRYAN, CC STUDENTS, ON GOVERNOR'S ADVISORY BOARD

Wally Bryan, student member of the Board, has been serving on the 41-member Student Advisory Commission, designed to advise Gov. Louie Nunn on the problems and ideas of Kentucky youth, and also charged with actively involving young Kentuckians in solving the problems of the Commonwealth. The governor said other new roles for students, in addition to their service on the Commission and serving on the governing board of every state university, include summer seminars for students at Frankfort and the first legislative aide program in the state's history. Other advisory Commission members include: Steve Atcher, Elizabethtown Community College; Howard Atkinson, Paducah; Susan Clark, Southeast; Leslie Combs, Hazard; Paul Hennessy, Henderson; Roger Pinott, Jefferson; John Pyle, Hopkinsville; Sheryl Ralston, Prestonsburg; Michael Rogers, Northern; Condit Steil, Ashland; Ronald Stricklin, Somerset, and Ellis Bullock, UK at Lexington, an at-large member.

2. HEART RESEARCH FUNDS ALLOCATED U OF L, UK

A total of \$71,450 has been allocated for heart research at the state's two medical schools, according to a joint announcement by the Kentucky Heart Association and the Heart Association of Louisville and Jefferson County. A total of \$5,000 went to Dr. Marian V. Gilmour of the University of Louisville for work on the heart muscle. The money--54 per cent of which comes from the Louisville association and 46 per cent from the state group--includes a research fellowship at both U of L and UK, and 10 summer student fellowships at the two schools. University investigators getting support for the coming year are Drs. Ralph Shabetai, Leonard S. Gettes, Joseph R. Logic and Ernest P. McCutcheon.

3. PHARMACY STUDENTS AT GOVERNOR'S DRUG ABUSE SEMINAR

The third-year and fourth-year classes from the College of Pharmacy attended a session of the three-day Governor's Seminar on Drug Abuse. Attendance at the seminar was arranged to emphasize and demonstrate the need for pharmacists to be concerned with the personal and sociologic effects arising from the use and misuse of drugs. The seminar was convened by Gov. Louie Nunn to help emphasize the need for substantially increased public awareness of the growing problems of drug abuse in Kentucky, particularly among young people. Dr. Charles A. Walton, College of Pharmacy professor and director of the Drug Information Center, was one of the seminar's speakers, discussing "Narcotics and Dangerous Drugs--Their Effects on the Human Body." Additional College of Pharmacy faculty at the Frankfort meeting were Dean Joseph V. Swintosky, Profs. Richard M. Doughty, Earl P. Slone, and Howard Hopkins.

4. LAW COLLEGE TO SEARCH FOR BLACK STUDENTS

The College of Law will participate in a program next summer to help prepare black students and others in minority groups for admission to an accredited law school in the Ohio Valley Area. The consortium, which includes the Universities of Louisville, Cincinnati and Ohio State in addition to UK, will be one of 10 being conducted nationwide by the Council on Legal Education Opportunity, Atlanta. It will be funded by the U.S. Office of Economic Opportunity and the Ford Foundation. Prof. W. Garrett Flickinger said the six-weeks' institute will be conducted June 23-August 2 at the University of Cincinnati, a "Head Start" program for minority group students who are interested in studying law. The program seeks to attract three groups: Afro-American, Mexican-American and American Indian. Only 22 of the 3,500 practicing attorneys in Kentucky in 1966 were Negroes, Prof. Flickinger stated. Prospective law students will get free tuition, room and board, a weekly expense allowance, a stipend to replace earnings that may have been lost during the institute's six weeks. They also will receive a travel allowance. The program will be limited to 40 students, selected by UK Prof. John J. Murphy, director of the institute, who will be assisted by a steering committee composed of representatives from the four universities.

The purposes of the program are: (1) to raise the legal profession as a priority career choice for minority group college seniors and graduates; (2) to act as a clearing house for placement of minority group applicants at law schools throughout the country, and (3) to provide an intensified six-week program in the skills necessary for competitive law study for 40 minority group seniors or graduates with a strong interest in law school. The Universities of Kentucky and Cincinnati each will send a black law student assistant to work in the institute. Willie R. Sanders, a graduate of Kentucky State College, Frankfort, will represent the University. The curriculum will include courses in reading comprehension in the context of legal material, criminal law, language of selected business transactions, and legal writing and research.

5. INDEPENDENT STUDY PROGRAM OBSERVES ANNIVERSARY

The Independent Study Program--formerly called correspondence study--is observing its 50th anniversary this year--with 4,000 students all over the nation (several are outside the U.S.). It was established by the Board of Trustees in 1919, and today offers 160 college courses for credit, 40 high school courses, and 27 non-credit courses. Dr. Denver Sloan, director of the program, says "what is important to most successful business ventures is that people keep themselves well-qualified, whether they are professional, sub-professional, or in the arts and crafts," and he notes that continuing education can and is being exercised through independent study, conferences, institutes, and short courses.

The demand for independent study work increased progressively during its first decade at the University. Beginning with a course in mine safety, the program progressed to non-credit courses designed to help teachers prepare for the state examination leading to certification. By 1929, the program had expanded to include curricular offerings on a credit basis. In 1957, enrollment had climbed to 1,800, and seven years later, to 2,200. By 1969, the 1964 figure had nearly doubled. Of the 4,100 now enrolled, approximately 1,000 are men in the armed forces; some 500 are in high school.

A brief look at enrollment figures show the following facts: Forty states are represented; students in five foreign countries are enrolled; 571 students taking courses are either stationed overseas or on ships; many students in the USAFI courses are legal residents of other states...31 California residents now in the armed forces are taking study courses through the University program. Students may enroll for an independent study course at any time and are given up to one year to complete the work which has been formulated or prepared by a professor at the University. Men in the armed forces are given two years to finish course work required of a subject. Course work is offered in five colleges at the University: Business and Economics, Arts and Sciences, Education, Engineering, and Agriculture. A student can earn up to one-fourth of the work required (thirty-two semester hours) for the baccalaureate degree. All final exams for independent study courses at the college level are administered on college and university campuses. Men in the armed forces are proctored by their unit's education officer. Dr. Herbert Drennon, associate dean of the College of Arts and Sciences, says the Independent Study Program offers a great deal of flexibility for students who may have to continue working after high school and not be able to attend college regularly. Others who are inducted into the armed forces before finishing work on their degrees can continue to earn credits toward the diploma.

6. NURSING SEMINARS PROVIDE CONTINUING EDUCATION

The series of conferences titled "Management for Nursing," sponsored by the College of Nursing, have attracted approximately 40 supervisors and head nurses from throughout the Commonwealth and surrounding states to each of the first two sessions. The total program consists of four conferences held during the year. The same participants attend each conference, then return to their jobs to apply and evaluate workshop principles and techniques. The program attempts, through combining conference sessions with actual nursing work, to assist participants in increasing their knowledge and ability for carrying out their leadership roles in nursing.

7. ENGLISH CLASSES TO GET TELEVISED PROFESSOR

The first televised lectures which will enable a University professor to speak to all of his 250 students at the same time will be produced on tape by the Division of Media Services during the spring and summer. The initial tape will feature Dr. Michael E. Adelstein, director of the freshman English program. He will lecture for about 20 minutes for each tape. The tapes will be telecast three times a week next fall, on the newly-installed closed-circuit TV system, to freshman English classes of about 25 students each. The classes themselves will be conducted by one of ten graduate assistants assigned to Dr. Adelstein. The taped lectures will be on an experimental basis and will not involve other senior professors and their graduate assistants in the freshman English program, Dr. Adelstein said. After each televised lecture, the freshmen will discuss its contents with the graduate assistant, and be tested in class to see if they understood the lecture.

8. UNIVERSITY AGENCY WORKING WITH BLACK BUSINESSMEN

The Office of Development Services and Business Research is attempting to gauge the need for technical assistance among Kentucky's Negro small businessmen. A first meeting to explore the subject was held February 6, with 90 invited Negro businessmen. Dr. H. K. Charlesworth, associate dean for extension in the College of Business and Economics, said "we are not trying to explore all the economic problems of the Negro, but what the technical assistance needs of the Negro small businessman are, and how we can help." He said some of the services offered by ODS include making a feasibility study for a particular project, studying the market, helping with accounting systems, and assisting with any technical problems that a small businessman may encounter.

9. PRODUCTION BEGINS SOON ON REFERENCE CIGARETTE

The Tobacco and Health Research program has received orders for more than four million of its new "reference" cigarettes. A major tobacco company will start production of them this month. The cigarettes, produced to specifications drawn up by tobacco researchers in the College of Agriculture, are for research use and will be sold only to research laboratories. Shipments will be made to labs all over the U.S. and to England, France, Sweden, Germany and Switzerland. "The reference cigarette is the first in a series of research cigarettes that we shall develop," says Dr. G. W. Stokes, director of the program. "Other research cigarettes will be developed as the need dictates." He added that until now the different research laboratories in this country and elsewhere have used available commercial products that differ in composition. "Alkaloid (nicotine) content and tar delivery were uncontrolled variables. The research information from the labs using different products could not be correlated and properly interpreted. The reference cigarette will make possible a product that is controlled and the research information from labs using it can be related and properly interpreted. The cigarette will be used for smoke chemistry and animal response studies."

In developing the blend, the four major tobacco types, burley, flue-cured, Oriental and Maryland, are being used. The cigarette will be king-size and without a filter. "The scientific community needs such a cigarette for use as a reference or bench mark for comparing research reports of biological response to tobacco condensates," Dr. Stokes said. "We want to reproduce the cigarette that was on the market in 1955. The only additives will be invert sugar and glycerine." Dr. Stokes said variations in tobacco, due to varietal changes, annual environmental fluctuations (temperature, rainfall) and cultural changes can't be entirely controlled. The reference cigarette will be uniform from year to year because it is being made to specifications. The development and production of the cigarette was financed through the University of Kentucky Research Foundation.

10. DR. ANGELUCCI HONORED BY AAUP

Dr. Ralph J. Angelucci, former member of the Board of Trustees, was honored at a recent meeting of the University chapter of the American Association of University Professors. He received a commemorative plaque for his 16 years' service on the Board. Prof. Paul Oberst, former AAUP president, commended Dr. Angelucci for his "promotion of an environment conducive to academic excellence." Prof. Oberst, a faculty member of the Board, also praised Dr. Angelucci for his efforts in the fields of sensitivity to faculty considerations of academic freedom; faculty economic welfare, and consideration of the faculty in governing the University. The AAUP dinner was attended by 150 professors and guests. Dr. Walter P. Metzger, Columbia University history professor who served as mediator between faculty and administration during the dispute at Columbia last year, addressed the group. He said that the "normal students" who go to classes, prepare for and settle down in careers "are in the majority."

11. NEW TYPE SPACE-ORIENTED ANTENNA BEING DEVELOPED

A University scientist is experimenting with a new type radio antenna which he believes can play an important part in the space exploration program. Dr. Keith R. Carver, assistant professor of electrical engineering, says conventional antennas are usually capable of receiving undesired signals from "false directions," that they may respond to signals sent from directions other than the direction in which the antenna is pointed. He believes the type antenna with which he is experimenting will "greatly minimize this effect and in addition will be insensitive to the usual deleterious effects from the earth's atmosphere on signals from or to outer space." He adds that the new antenna will provide a considerable cost and weight savings over types now in use. Dr. Carver and his student assistant, William L. Fisher, Russell, Ky., also believe that various air transportation industries can achieve greater communication efficiency through adaptation of the delicately precise antenna instrumentation.

12. RESEARCHERS MAKE ROCK STUDY PROJECT INTERNATIONAL

Two University scientists, with the help of a \$42,500 grant from the National Science Foundation, are conducting field investigations in Canada, Colorado, Nova Scotia, and Venezuela, concentrating on historical facts that may lie beneath the hard surfaces of igneous and metamorphic rocks. With the help of laser beams, Dr. William H. Dennen, chairman of the Department of Geology, and Dr. William Blackburn probe for clues in the rocks' composition. During the present state of their study, Drs. Dennen and Blackburn are dealing primarily with garnets and biotite mica. Working in the UK Cabot Spectrographic Laboratory, a "vapor of rock" is created by subjecting a sample of the rock to laser rays and spectrograph study. The researchers note that in the present decade a widespread effort is being made to find and record "missing parts" to add to knowledge of the earth's history. Their objective is the extent of the nature of the chemical and physical processes which the rocks have undergone in the course of their development.

13. DR. ELVIS STAHR DELIVERS FOUNDERS DAY ADDRESS

A former dean of the College of Law, Dr. Elvis J. Stahr, will deliver the Founders Day address in Memorial Coliseum at 2:30 p.m. February 20. Dr. Stahr, now president of the Audubon Society, is a former president of Indiana University and of the University of West Virginia. He also served as Secretary of the Army in the Kennedy administration. With the assistance of the University Alumni Association, the 1969 Founders Day convocation will be telecast over the Kentucky Educational Television network and may be viewed on local KETV the night of February 20.

14. 37 UNIVERSITY GRADUATES AT WORK ON APOLLO

More than 30 graduates of the College of Engineering are taking part in the Saturn Apollo project. Altogether, 37 University graduates are on the project. One is a law graduate and two received their degrees in journalism. Two are physicists and one is an accountant. They are among the scientific and professional employees of the NASA-Marshall Space Flight Center in Huntsville, Ala., which is directed by Dr. Wernher von Braun. The Saturn V, largest rocket in the world, stands 363 feet tall with the Apollo spacecraft. It weighs more than six million pounds at lift-off and the five huge booster engines generate more than 7.6 million pounds of thrust. Most of the University graduates now reside in Huntsville, Alabama.

15. MOST TRANSFER STUDENTS REPORT NO TRANSITION PROBLEMS

A recent survey of students who transferred to the Lexington campus from one of the 15 community colleges reports 72 per cent indicated they "experienced no problems" in making the transition. Conducted by the Office of the Dean of Admissions and Registrar, the survey found that 64 per cent of the responding students felt they "received adequate preparation" at the community college, while 36 per cent felt they had not received adequate preparation. If they had it to do over again, 79 per cent said they would still go to the community college, but many of them for only one year. Twenty-one per cent indicated they would not attend a community college if they were starting college again. A common complaint from almost 80 per cent of the students questioned was "the lack of, or improper, counseling and advising on both the Lexington campus and the community college system." The University advises students transferring from the community colleges to report for a one-day summer orientation program. The survey found that 37 per cent of the students felt they did not benefit from the program, although 35 per cent indicated they did not attend all sessions of the orientation. Sixty-three per cent felt the orientation was helpful. Although the students had been on the Lexington campus a short period of time when the survey was made, 75 per cent indicated they had experienced no problems while enrolled on the central campus.

16. WET WEATHER DELAYS CONSTRUCTION ON OFFICE TOWER

Construction has been held up recently on the new Classroom-Office building. The contractor said he had hoped to be finished with the entire complex by August, but that it may be a little later before it can be turned over to the University. The 19-story office tower now has drywall and temporary heat as high as the fifth floor. One of the six elevators to be installed is now operating to the 13th floor. Workmen walk the remaining six floors, or ride the "skip-horse"--a construction elevator installed on the outside wall of the building with only a wooden platform to hoist men or materials.

17. DR. BARBOUR WORKING WITH STATE IN NATURALIST WORKSHOPS

"Kentucky Mammal Weekend," the first of a Field Naturalist Workshop series sponsored by a state agency and conducted by State Naturalist Jim Butler, and Dr. Roger W. Barbour, University professor of zoology, was held at Carter Caves State Park January 31-February 1. It was attended by 106 professional and amateur naturalists from Kentucky and six neighboring states. Radioactive tracing techniques to relocate small mammals were demonstrated by Dr. Barbour, who said numerous contributions were made by the assembled naturalists, including new techniques in the art of trapping and mammal preservation. "This first workshop was a great success," said Dr. Barbour, "and I feel future programs of this type should be, and will be supported." The next workshop will be "Ornithology Weekend", April 25-27, when the state's leading ornithologists are scheduled to conduct a workshop.

18. COEDS SPONSOR 338 BOXES TO GIs

Coeds from 14 different campus sororities packed and mailed 338 boxes to servicemen in Vietnam in the weeks just prior to Christmas. Each box contained a variety of items for the fighting men. Money for the project was raised through a special television program aired over Lexington's Channel 27.

19. MORTON DISPLAY SET FOR LIBRARY

A permanent display of selected papers and pictures from the tenure of Senator Thruston B. Morton is being established at the University Library. A feature item will be the large walnut gavel he used as chairman at the 1964 Republican National Convention in San Francisco.

20. MINISTRY PLAN STUDIED FOR JEFFERSON COLLEGE

Plans for a cooperative campus ministry at the University of Kentucky Jefferson Community College are being studied by the Louisville Area Council of Churches. The council hopes to develop a ministry specifically suited for a community college, which is city-oriented and has no resident students. The study is being made by Howard Smith, 26, a second-year student at the Louisville Presbyterian Seminary, who will spend 16 hours a week on the project as part of his seminary training.

21. RESEARCH AWARDS OVER \$9 MILLION SINCE JULY 1

During the period January 1-January 31, a total of 24 agreement awards were received by the University of Kentucky Research Foundation, amounting to \$921,751.71. Two other awards were received, amounting to \$200.00. The total since July 1 is \$9,383,335.59.

COLLEGE OF AGRICULTURE

Agriculture Experiment Station--G. W. Stokes, Brown and Williamson Support of Tobacco Research, Brown and Williamson Tobacco Corporation, \$7,500.

Department of Agronomy--C. E. Bortner, USDA Cooperative Agreement - Tobacco Research, United States Department of Agriculture, \$12,000.

Department of Animal Sciences--N. W. Bradley, Beef Cattle Research, Eli Lilly, \$1,000.

Department of Entomology--H. W. Dorough, Metabolism of Carbamate Insecticides, National Institutes of Health - Communicable Disease Center, \$31,386. H. W. Dorough, Fate and Metabolism of Various Pesticides, Union Carbide Corporation, \$6,400.

COLLEGE OF ARTS AND SCIENCES

Department of French--T. Mueller, Foreign Language Conference, \$275 (deposit).

Department of Statistics--R. L. Anderson, Designs and Estimators for Variance Components, National Institutes of Health, \$33,745.

Department of Chemistry--R. Kiser, Tennessee Eastman Kodak, Eastman Kodak, \$6,000.

Department of Anthropology--H. F. Dobyms, Anthropological Analysis of Social and Cultural Benefits and Costs From Stream Control Measures, Office of Water Resources Research, Department of the Interior, \$10,000.

COMPUTING CENTER

M. Solomon, Question, Effects, Difference Study, National Institute of Mental Health, Addiction Research Center, \$13.65.
M. Solomon, Automatic Data Processing Services and IBM Machine Usage, National Institute of Mental Health, Clinical Research Center, \$126.06.

COLLEGE OF ENGINEERING

Department of Civil Engineering--B. O. Hardin, Seventh International Conference on Soil Mechanics and Foundation Engineering, Various Companies, \$250.

COLLEGE OF DENTISTRY

Office of the Dean--H. M. Bohannon, General Research Support Grant, National Institutes of Health, \$64,604.

Department of Community Dentistry--W. O. Young, Student Research Support Account, American Dental Association, \$900.

COLLEGE OF MEDICINE

W. S. Jordan, General Research Support Grant, National Institutes of Health, \$225,881.

Department of Anatomy--I. Fowler, In Vitro Lymphocyte Reactions in Multiple Sclerosis, National Multiple Sclerosis, \$9,532.

Department of Biochemistry--A. S. Hu, The Regulation of Bacterial Metabolism, National Institutes of Health, \$15,570.
R. Lester, The Composition of the Lipid of Respiratory Particles, National Institutes of Health, \$47,628.

Department of Pharmacology--D. F. Diedrich, Phlorizin Inhibition of Sugar Transport, National Institutes of Health, \$21,816.

Department of Psychiatry--A. Wikler, Limbic System and Opioid Addiction in the Rat, National Institutes of Health, \$35,459.

Department of Physiology--J. F. Zolman, Ontogeny of Memory Storage, National Institutes of Health, \$23,657.

Department of Surgery--P. M. Weeks, Structural Alterations of Collagen in Maturing Scar, National Institutes of Health, \$16,128.

SCHOOL OF ALLIED HEALTH

Physical Therapy--R. V. McDougall, Traineeships in Physical Therapy, Health, Education and Welfare, Social and Rehabilitation Service, \$13,100.

OHIO VALLEY REGIONAL MEDICAL PROGRAM

W. H. McBeath, Ohio Valley Regional Medical Program, Health Service and Mental Health Administration, \$338,781.

OTHER

| | |
|-------------------------------------|--------|
| The Gladys Robertson Memorial Fund | 100.00 |
| The William S. Taylor Memorial Fund | 100.00 |

22. SIGNIFICANT ACTIVITIES OF FACULTY AND STAFF

Dr. Jess L. Gardner, associate professor, College of Education, attended a meeting of the Business-Industry and Education Advisory Committee which guides activities of the National Student Traffic Safety Program (NSTSP) in late January in Washington, D.C. He is one of 15 members of the advisory committee which reviews program progress and suggests future activities.

Dr. Ernst Jokl, professor of physical education, has been honored by the American Corrective Therapy Association with a special plaque "for his outstanding contribution and sustained and dedicated service to the Association's growth and development."

Dr. Earl Kauffman, director of the Council on Aging, presented a paper at the Tenth National Seminar on Adult Education Research in Toronto, Canada, in early February.

Dr. Leonard P. Stoltz, assistant professor of horticulture, has been appointed editor of the International Plant Propagators Society, Eastern Region, at the board's annual meeting in Toronto, Canada.

Dr. Sidney Ulmer, chairman of the Department of Political Science, has been reappointed to the editorial board of the "Journal of Politics," official journal of the Southern Political Science Association.

Dr. Martin Solomon, director of the Computing Center and acting chairman of the Computer Science Department, has been selected to participate in the 1969 Visiting Scientists Program jointly sponsored by the Association for Computing Machinery and the National Science Foundation.

Dr. Wayne Wonderley, chairman of the Department of Germanic and Classical Languages and Literatures, has been elected secretary of the newly-established Association of Departments of Foreign Languages in the South Atlantic Modern Language Association.

Dr. Michael E. Adelstein, associate professor of English, has produced a critical biography of Fanny Burney, an 18th Century novelist, playwright, and diarist. The book has been published by Twayne Press.

Dr. Rufus Ritchie of the Department of Physics and Astronomy was among more than 100 solid state physicists attending the recent mid-Winter research conference at the University of California at Irvine.

Mrs. Connie P. Wilson, acting chairman of the Department of Social Work, has been re-elected chairman of the Kentucky Child Welfare Research Foundation.

PR 2

Members, Board of Trustees:

RECOMMENDATIONS OF THE PRESIDENT

I. Patent Assignment

Recommendation: that authorization be given to the proper officials of the University of Kentucky Board of Trustees to execute an assignment on behalf of the Board of Trustees to The University of Kentucky Research Foundation of the following application for Letters Patent of the United States and the inventions represented thereby: John T. Bryans, William H. McCollum, James C. Wilson and Elvis R. Doll (deceased), Serial #767, 530, filed October 14, 1968.

Background: John T. Bryans, William H. McCollum, James C. Wilson and Elvis R. Doll (deceased) have developed a process for producing a vaccine for use in immunizing horses against equine viral arteritis and the product derived from practice of the process. They have assigned their rights to the invention to the Board of Trustees. The Patent Committee of the University of Kentucky has reviewed the assignment and agreement made between the University and the Patentees and recommends that such assignment be transferred to The University of Kentucky Research Foundation for administration.

II. Retirement Dates for Randall Reed Established

Recommendation: that the Board of Trustees of the University of Kentucky authorize the University Personnel Office to use the employment date of April 25, 1937, for determining the retirement benefits of Mr. Randall Reed.

Background: Mr. Reed was employed by the University of Kentucky on April 25, 1937. After serving eight years and three months, he left the University in July, 1945, to work at Spindletop Farm, then owned by Mrs. Yount. Following thirteen years and nine months of employment on this farm, he returned to the University as an employee on March 1, 1959, when the University acquired the farm, and has served the University continuously since that date for a period of ten years.

In compliance with current retirement regulations, Mr. Reed will be required to terminate his employment with the University in June, 1971, when he will attain the age of 70. Under current regulations, he will not be eligible to receive retirement benefits as he will not have a total of fifteen consecutive years of service.

It has been reliably reported that in the negotiations for the purchase of Spindletop Farm, a commitment was made to consider Mr. Reed's employment continuous from April 25, 1937.

This Board action is necessary for the dual purpose of clarifying the personnel records of Mr. Reed for employee benefits and, at the same time, enabling the University to honor its commitments to Mr. Reed made at the time the University acquired Spindletop Farm.

Precedents for this action have been established, including, among others, the University's contract with the Paducah Junior College.

III. Appointments and/or Other Staff Changes

Recommendation: that approval be given to the appointments and/or other changes which require Board action and that the report relative to appointments and/or changes already approved by the administration be accepted.

Background: Approval of the Board of Trustees is required for all appointments to the positions with the rank of Associate Professor and above, for promotions, for the granting of tenure, and for salary changes above \$12,000 for non-academic personnel and \$15,000 for academic personnel. All other appointments and/or changes may be made by the President and reported to the Board.

BOARD ACTION

New Appointments

Antonio S. Anzures, Physician, Department of Medicine, University Health Service, retroactive to January 16, 1969

Owen S. Connelly, Jr., Professor, with tenure, Department of History, College of Arts and Sciences, effective September 1, 1969

Dorothy R. Hollingsworth, Associate Professor, Department of Pediatrics, College of Medicine, retroactive to October 1, 1968

Adamantios Pepelasis, Visiting Professor, Department of Economics, College of Business and Economics, retroactive to January 1, 1969

Lewis A. Sumberg, Professor, with tenure, Department of French, College of Arts and Sciences, effective July 1, 1969

Charles Rolland Lockyer, Associate Professor (Adjunct), Department of Economics, College of Business and Economics, retroactive to January 1, 1969

Administrative Appointments

David J. Brecount, Physician, University Health Service, named Director of the Student Infirmary, retroactive to January 1, 1969

Lewis A. Sumberg, Professor, Department of French, named Chairman of the Department of French, effective July 1, 1969

Raymond P. White, Jr., Assistant Professor, Department of Oral Surgery, College of Dentistry, named Chairman, Department of Oral Surgery, effective July 1, 1969

Joint Appointment

Humildad Anzures, Physician, part-time, University Health Service, also named Assistant Professor of Clinical Pediatrics, part-time, Department of Pediatrics, College of Medicine, retroactive to February 1, 1969

Leaves of Absence

Edward Newbury, Associate Professor, Department of Psychology, sabbatical leave for the Spring Semester, 1970
Vivian J. MacQuown, Librarian III, King Library, extension of leave without pay for the period January 1, 1969 through June 30, 1969
Frank A. Pattie, Professor, Department of Psychology, College of Arts and Sciences, sabbatical leave for the Fall Semester, 1969-70
Lona T. Richey, Area Extension Agent, Area Extension Programs, leave without pay for the period March 3, 1969 through June 30, 1969
Thomas B. Stroup, Professor, Department of English, College of Arts and Sciences, sabbatical leave for the Fall Semester, 1969-70
William C. Templeton, Professor, Department of Agronomy, leave without pay for the period February 1, 1969 through January 31, 1970

Waiver of Nepotism Regulation

Humildad Anzures, Physician, part-time, University Health Service and Assistant Professor, Department of Pediatrics (wife of Antonio Anzures, Physician, University Health Service)

Retirement

Jessie Lee Burchett, Farm Laborer, Western Kentucky Substation, after over 15 years of service, retroactive to January 17, 1969

ADMINISTRATIVE ACTION

New Appointments

Walter Forrest Abbott, Instructor, Department of Sociology, College of Arts and Sciences, retroactive to January 1, 1969
Jerry M. Calton, Assistant Professor, Department of History, College of Arts and Sciences, effective September 1, 1969
Frederic J. Fleron, Jr., Assistant Professor, Department of Political Science, College of Arts and Sciences, retroactive to January 1, 1969

Carl Phillip Hinesley, Instructor, Department of Metallurgical Engineering, College of Engineering, retroactive to January 1, 1969
John T. Kemper, Jr., Instructor, Lexington Technical Institute, Community College System, retroactive to July 1, 1968
Robert R. McCoid, Instructor, Ashland Community College, retroactive to January 1, 1969
Roger M. McCoy, Assistant Professor, Department of Geography, College of Arts and Sciences, effective September 1, 1969
Jack E. McElroy, Instructor, Department of Vocational Education, College of Education, retroactive to January 1, 1969
Maryhea Morelock, Instructor of Social Work, Department of Medicine, College of Medicine, retroactive to January 1, 1969
Ruth L. Pitman, Instructor of Social Work, Department of Pediatrics, College of Medicine, retroactive to January 1, 1969
Jane K. Roe, Instructor of Social Work, Department of Pediatrics, College of Medicine, retroactive to January 1, 1969
Lane J. Veltkamp, Instructor of Social Work, Department of Psychiatry, College of Medicine, retroactive to January 1, 1969
Virginia Rogers, Assistant Professor, Department of Curriculum and Instruction, College of Education, retroactive to December 1, 1968
Mark Richard Brown, Visiting Instructor, Department of Curriculum and Instruction, College of Education, retroactive to January 1, 1969
Jack Hopper, Assistant Professor (Adjunct), Department of Economics, College of Business and Economics, retroactive to January 1, 1969
Elmer H. Wagner, Visiting Lecturer, Department of Curriculum and Instruction, College of Education, retroactive to January 1, 1969
Paul Allen Willis, Lecturer, School of Library Science, King Library, retroactive to January 14, 1969
La Nelle Woods, Visiting Instructor, Department of Curriculum and Instruction, College of Education, retroactive to January 1, 1969

Leave of Absence

Freda Dale Ellis, Area Extension Agent, Area Extension Programs, leave without pay for the period March 5, 1969 through June 30, 1969

Joint Appointment

Lewis W. Dittert, Assistant Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, also named Assistant Professor, Department of Pharmacy, retroactive to January 1, 1969

Resignation

W. F. Yau, Assistant Professor, Department of Engineering Mechanics,
College of Engineering, retroactive to December 31, 1968

Action: Approved X Disapproved Other

Date: February 18 , 1969

Office of the President
February 18, 1969

PR 4

Members, Board of Trustees:

APPROVAL OF DEGREE CANDIDATES

Recommendation: that the President be authorized to confer upon each individual whose name appears on the list presented herewith the degree to which he is entitled at the commencement exercises on May 12, 1969. These candidates completed the requirements for the degree in December 1968.

Background: Certification has been made by the Dean of Admissions and Registrar that the individuals whose names appear on the attached list have satisfactorily completed the requirements for the degree for which he has applied in December 1968. The University Senate at its meeting on February 10, 1969 gave approval to the list.

Action: Approved X Disapproved _____ Other _____

Date: February 18 , 1969

December 21, 1969

OFFICE OF ADMISSIONS AND REGISTRAR

CANDIDATES FOR DEGREES

December 21, 1968

| | | | |
|-----------------------|-----|-----------------------|-----|
| GRADUATE DEGREES | | | |
| Ph.D. | 31 | | |
| Ed.D. | 6 | | |
| Ed.S. | 3 | | |
| M.A. | 48 | | |
| M.S. | 16 | | |
| M.S. in Agr. | 10 | | |
| M.S. in H. Ec. | 4 | | |
| M.S.A.E. | 2 | | |
| M.S.C.E. | 4 | | |
| M.S.E.E. | 1 | | |
| M.S.M.E. | 2 | | |
| M.S. Met E. | 1 | | |
| M.A. in Educ. | 22 | | |
| M.S. in Educ. | 5 | | |
| M.B.A. | 8 | | |
| M.S.L.S. | 15 | | |
| M.S. Pub. Hlth. | 3 | | |
| M.S. Clin. Nut. | 1 | | |
| TOTAL | 179 | | |
| PROFESSIONAL DEGREES | | Education | |
| Juris Doctor | 23 | A.B. Education | 184 |
| UNDERGRADUATE DEGREES | | Commerce | |
| Arts & Sciences | | B.S. Commerce | 59 |
| A.B. | 108 | B.S. Accounting | 10 |
| B.S. | 24 | B. of Bus. Admin. | 14 |
| A.B.J. | 2 | B.S. Bus. & Econ. | 9 |
| B.M. | 8 | TOTAL | 92 |
| TOTAL | 142 | Allied Health | |
| Agriculture | | Med. Tech. | 1 |
| B.S. Agriculture | 39 | Phy. Therapy | 2 |
| Home Economics | | Nursing | |
| B.S. Home Economics | 20 | B.S. Nursing | 1 |
| Engineering | | Architecture | |
| B.S. Agric. Engr. | 3 | Bachelor of Arch. | 4 |
| B.S. Chem. Engr. | 2 | | |
| B.S. Civil Engr. | 23 | SUMMARY | |
| B.S. Elec. Engr. | 18 | Graduate Degrees | 179 |
| B.S. Mech. Engr. | 21 | Professional Degrees | 23 |
| TOTAL | 67 | Undergraduate Degrees | 552 |
| | | TOTAL | 754 |

GRADUATE SCHOOL

Lewis Wellington Cochran, Dean

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

| NAME | MAJOR SUBJECT | ADDRESS |
|--------------------------------|------------------------|--------------------|
| John Bryant Bates | Chemistry | College Park, Md. |
| Simon Maurice Berggrun | Spanish | Decatur, Ga. |
| James Chester Claypool | History | Murray |
| Robert Arnold Collins | English | DeKalb, Ill. |
| Henry Gundry Crowgey | History | Wilmington, N. C. |
| James Alan Cunningham | Chemistry | Lexington |
| William Raney Ellis III | Psychology | Salem, Va. |
| Marshall Gaither Frazer | Chemistry | Nashville, Tenn. |
| Thomas Charles Greenland | Psychology | Cincinnati, O. |
| Verner Neal Grise | Agricultural Economics | Quality |
| Marjorie Dysart Harrison | History | Lexington |
| David Terry Hess | Psychology | Lexington |
| Herbert Hirsch | Political Science | Austin, Tex. |
| Rudy I. Hutagalung | Animal Sciences | Lexington |
| Arthur Morton Ihrig | Chemistry | Sarasota, Fla. |
| Willard L. Jinks | Biological Sciences | Pikeville |
| C. Richard Mochow | Animal Sciences | Lexington |
| Frances Williams Morgan | Spanish | Norris, Tenn. |
| Robert Jeffry Morris | Spanish | Shelby, N. C. |
| David Muir Petersen | Sociology | Silver Spring, Md. |
| Theodore Phillips II | Chemistry | Cambridge, Md. |
| James Edwin Pitts | Economics and Business | Tallahassee, Fla. |
| John Thomas Riley | Chemistry | Bowling Green |
| Charles Eugene Scruggs | French | Richmond |
| William Freeman Smith | Physics | Lexington |
| Jack Steele | Chemistry | Pollman, Wash. |
| Thomas Michael Stoeckinger | Chemistry | Lexington |
| Sahineni Venkata Suryanarayana | Chemistry | Paducah |
| Randall H. Waldron | English | Delaware, O. |
| Richard Maxwell Weist | Psychology | Lexington |
| William M. Whitaker III | Economics and Business | Tallahassee, Fla. |

CANDIDATES FOR THE DEGREE OF DOCTOR OF EDUCATION

| | |
|----------------------|-----------------|
| Robert Daniel Barr | Lexington |
| Morris Klair Caudill | Lexington |
| Daisy B. French | Richmond |
| Richard Lee Gentry | Richmond |
| Michael T. McGrath | Pensacola, Fla. |
| Kermit Patterson | Richmond |

CANDIDATES FOR THE DEGREE OF SPECIALIST IN EDUCATION

| NAME | ADDRESS |
|-------------------------|-----------|
| Robert William Hoagland | Frankfort |
| Ruth Ann McCann | Richmond |
| Burtis K. Webb | Thornton |

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

| | | |
|-------------------------|---|------------------------|
| Charles Everett Allen | English | Valley Station |
| Robert Gary Atkins | Diplomacy and International Commerce | Auburn, N. Y. |
| Martha Towles Barth | Political Science | Lexington |
| Mabel Ann Benson | English | Lexington |
| Donald Wayne Bogie | Sociology | Frankfort |
| Bruce David Bowen | Political Science | Lexington |
| Doris J. Brown | English | Harrodsburg |
| Annette Cuen Burt | Spanish | Lexington |
| Anita Carol Caldwell | Histry | Richmond |
| Judy Anne Cooper | English | Murray |
| Nancy Leo Chin Cooper | English | Lexington |
| Charles Russell Current | Classics | Paris |
| Brady James Deaton | Diplomacy and International Commerce | London |
| John E. Delap | Political Science | Lexington |
| Shirley Clouse DeSimone | English | Lexington |
| Thomas P. Dunn | Sociology | Bowling Green |
| Mary Elizabeth Faraci | English | Lexington |
| Robert Samuel Gally | Sociology | Ashland |
| Kenneth Raymond Gibson | English | Uniontown |
| William Ernest Goeltz | Economics | Lexington |
| Ann Evans Greely | French | Midway |
| Jeanette Marie Hanna | History | Cincinnati, O. |
| Gerald Muir Higdon | Mathematics | Lakeside Park |
| Thomas Edward Higel | Anthropology | Beaumont, Tex. |
| Florence Blinn Holbrook | Library Science | Lexington |
| Etim Bassey Ituen | Geography | Uyo, Nigeria |
| Patsy Ann Huff Judd | Communications | Somerset |
| Alan Lewis Kaplan | Psychology | Mattapan, Mass. |
| Michael Joel Kowalsky | Economics | Cambria Heights, N. Y. |
| Wendell Herbert Maynard | History | Ashland |
| James Wallis Morris | Political Science | Lexington |
| George Elwood Mosley | Geography | West Buxton, Me. |
| Thomas Allen Pitt | Diplomacy and International Commerce | Closter, N. J. |
| Virginia Sue Powell | English | Lexington |
| David Alton Ryans | Communications | Ewing |
| Elizabeth Goetz Serow | French | Fair Lawn, N. J. |
| Jean Ann Shackelford | Economics | Manhattan, Kan. |
| Clara Kathryn Shelton | Diplomacy and International Commerce | Rupert, Id. |
| Rowland A. Sherrill | English | Park Forest, Ill. |
| Donald Stephen Stosberg | Political Science | Lexington |
| Jill Elizabeth Sunday | English | Mechanicsburg, Pa. |

(Candidates for the Master of Arts Degree cont'd.)

| NAME | MAJOR | ADDRESS |
|-----------------------|---|-------------------|
| Linda Margaret Swayze | Diplomacy | Royal Oak, Mich. |
| Wilma J. Walker | Geography | Lexington |
| Michael Leo Walsh | Psychology | Bourbonnais, Ill. |
| Philip Weinstein | Psychology | Bayside, N. Y. |
| James G. Whiteley | History | Paducah |
| Lynn Roy Williams | Mathematics | Lexington |
| Richard Yukhin | Diplomacy and International Commerce | Lexington |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

| NAME | MAJOR | ADDRESS |
|---------------------------|--------------|---------------------------------|
| Neil Douglas Adams | Physics | Nicholasville |
| Daniel M. Bartell | Physics | Lexington |
| Thomas J. Cheatham | Mathematics | Lexington |
| John Merle Elson | Physics | Neoga, Ill. |
| George Arvin Jones | Entomology | Lexington |
| Manu Leopaïrote | Economics | Thonburi, Thailand |
| James Houston Logsdon | Physics | Lexington |
| Willis Patrick Oliver | Physics | Eddyville |
| Charles Stewart Robertson | Physics | Murray |
| Erich E. Stafford | Zoology | Bethesda, Md. |
| Mohinder Dev Tewari | Mathematics | Green Park, New Delhi, India |
| Fred Thomas Tracy | Physics | Smithland |
| William Bedford Turner | Geology | Lafayette, La. |
| Roger Dale Warren | Mathematics | Lexington |
| William R. Winkle | Microbiology | Toledo, O. |
| Ta Hai Yeh | Physics | Lexington |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN AGRICULTURE

| | | |
|----------------------|------------------------|------------------|
| Virgil Milton Boyce | Agricultural Extension | Raleigh, N. C. |
| Johnnie Larry Call | Animal Sciences | Lexington |
| Sai Yoon Chang | Plant Physiology | Seoul, Korea |
| Winston Paul Deweese | Animal Sciences | Lexington |
| Gerald Wayne Dryden | Entomology | Mt. Olivet |
| John Wesley McGaugh | Animal Sciences | Lexington |
| Alvin Ray Mosley | Horticulture | Lexington |
| Mohd Hashim Noor | Agricultural Economics | Penang, Malaysia |
| Brenda Igo Townes | Agronomy | Lexington |
| William Allen Tucker | Animal Sciences | Fisherville |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN AGRICULTURAL ENGINEERING

| | |
|-----------------------|-----------|
| Terence Charles Black | Lexington |
| Donald Carl Slack | Lexington |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN CIVIL ENGINEERING

| NAME | ADDRESS |
|------------------------|---------------|
| Charles Stone Cox | Bowling Green |
| Kenneth Rhett Harper | Paducah |
| William Henry Phillips | Monticello |
| Thomas Neil Sargent | Guthrie |

CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

| | |
|----------------------|-----------------|
| William Dowell Allen | Melbourne, Fla. |
|----------------------|-----------------|

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN MECHANICAL ENGINEERING

| | |
|------------------|-----------|
| William C. Cloyd | Lexington |
| Larry H. Robbins | Lexington |

CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN METALLURGICAL ENGINEERING

| | |
|------------------------------|---------------|
| Brijmohan Jaisingh Roopchand | Bombay, India |
|------------------------------|---------------|

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS IN EDUCATION

| | |
|--------------------------------------|-------------------------|
| Wanda Lee Arnold | Irvine |
| George Ronald Boone | Glendale, Mo. |
| Robert Lee Bowers | Maysville |
| Marjorie Jean Brookshire | Lexington |
| Betty Rose Burgin | Lexington |
| Catherine Lyle Cassidy | Lexington |
| Betty Dance Cox | Louisville |
| Joe Vicars Day | Meta |
| Patricia Jo Foley | Mt. Sterling |
| James Edgar Hoskins | Lexington |
| Elwyn Carl Hulett | Versailles |
| Delane Warden Isaak | Collegedale, Tenn. |
| Lawrence H. McCracken | Lexington |
| Martha Finch McKenzie | Lexington |
| Sister Mary Immaculyn Moliqne S.N.D. | Covington |
| Mary Louise Moore | Lexington |
| Marilyn Moyer | Murray |
| Joyce Kay Price | Frankford, Ind. |
| Anna Frances Sandage | Lexington |
| Ina P. Toepel | St. Clair Shores, Mich. |
| John Paul Vandeventer | Lexington |
| William Hunter Wilson | Lexington |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN EDUCATION

| | |
|---------------------------|------------|
| Suzanne M. Rogers Bennett | Lexington |
| Billie Howard Dickinson | Lexington |
| Ann W. Hardin | Louisville |
| James Willis Hisle | Richmond |
| Martha Lee Pitts | Fulton |

CANDIDATES FOR THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION

| NAME | ADDRESS |
|------------------------|------------------|
| James Benjamin Ashmore | Madisonville |
| William Garrett Dering | Anchorage |
| Edward Phillip Grant | Louisville |
| Richard Bowen Lindsley | Rocky River, O. |
| Terry Hayes Miller | Hartford |
| George M. Royster III | Evansville, Ind. |
| David Fulton Smith | Lexington |
| William Robert Smith | Simpsonville |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN LIBRARY SCIENCE

| | |
|-------------------------------|--------------------|
| Milton Kendall Barksdale, Jr. | Richmond |
| Douglas Alan Campbell | Orange Park, Fla. |
| Sheriden Ekin Clem | Bedford |
| Lucy Adams Deluca | Huntington, N. Y. |
| Jean K. Gossick | Lexington |
| Marion Hanson Hargrove | Lanham, Md. |
| Nancy Huheey Herfel | Lexington |
| Littleton Miller Maxwell | Lynchburg, Va. |
| Gerald Lee Miller | Louisville |
| Jon Francis Noland | Lexington |
| Jane Ellen Peterson | Washington, Ia. |
| Gisele A. Skinner | Wilmore |
| Marion Webb Turner | Lexington |
| Audrey Ann Vough | Lexington |
| Cynthia Ann Womack | McMinnville, Tenn. |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN PUBLIC HEALTH

| | |
|----------------------|------------|
| Billy Wayne McMahan | Greensburg |
| Mary Louise Pross | Berea |
| Billy Lucian Squires | Greensburg |

CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN CLINICAL NUTRITION

| | |
|-----------------------------|-----------|
| Katherine Yancey Southworth | Lexington |
|-----------------------------|-----------|

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN HOME ECONOMICS

| | |
|---------------------------|-------------------|
| Carolyn DeArmond Cantrell | Louisville |
| Ruth Thompson Phillips | Richmond |
| Ann Ross Smith | Louisville |
| Jean Ya-Chen Yu | Gainesville, Fla. |

COLLEGE OF LAW

William L. Matthews, Dean

CANDIDATES FOR THE DEGREE OF JURIS DOCTOR

| NAME | ADDRESS |
|------------------------------|-----------------|
| Kenneth Paul Alexander | Lexington |
| William Hampton Allison, Jr. | Lexington |
| Owen Travis Combs, Jr. | Lexington |
| Carolyn Stroud Connell | Paris |
| James Lawrence Cottrell | Lexington |
| Charles David Deep | Lebanon |
| Eugene Kenneth Duncan | Bowling Green |
| Jerry Roger Grigsby | Lexington |
| Phillip Ray Grogan | Lexington |
| Victor Hellard, Jr. | Versailles |
| Chris R. Hoehle | Louisville |
| Jessie Horn | Hazard |
| Sidney Harrel Hulette | Morganfield |
| William R. Jones | Lexington |
| William Forest Knapp, Jr. | Dry Ridge |
| Perry Morris Lewis | Beaver Dam |
| Robert E. Rawlins | Lexington |
| Dixie Rupert Satterfield | Princeton |
| Leonard Ware Smith | Lexington |
| James Wehrle Templin | Lexington |
| Charles Allen Turner | Barnesville, O. |
| Curtis Lee Wells | Lexington |
| Charles Frank Wheeler | South Shore |

COLLEGE OF ARTS AND SCIENCES

Paul Chester Nagel, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

| NAME | MAJOR SUBJECT | ADDRESS |
|---------------------------|---|----------------|
| Dorothy Holt Adams | Germanic and Classical Languages and Literatures | Lexington |
| Russell F. Adkins | Radio, Television, Films | Lexington |
| John Beard Ames | English | Hardinsburg |
| Rebecca Clancie Atherton | English | Elizabethtown |
| Mary Ann Augustyn | English | Lexington |
| Helen Clare Balstraz | English | Miami, Fla. |
| John Henry Barksdale III | Philosophy | Paris |
| Barbara Purse Beach | Sociology and Geography | Rockville, Md. |
| Tom M. Becherer | Chemistry | Maysville |
| Charles Carlo Begley, Jr. | Political Science | Louisville |
| Linda B. Bender | French | Fairfax, Va. |
| Phillip W. Bennett | Sociology | Fulton |
| Anna Sharon Blackburn | English | Lexington |
| Donna Marie Boncela | English | Cleveland, O. |

| NAME | MAJOR SUBJECT | ADDRESS |
|-------------------------------|---|----------------------|
| Stephen Michael Bryan | Economics | Louisville |
| David Willard Bryant | Sociology | Taylorsville |
| Betty Jean Buckner | Sociology | Lexington |
| Carolyn Jane Camenisch | English | Stanford |
| Lynn Cheryl Carlough | Journalism | Clifton, N. J. |
| Wanda Jean Catlett | Germanic and Classical Languages and Literatures | Louisville |
| Ralph Leonard Cherry, Jr. | French | Falls Church, Va. |
| Joan Leslie Clagett | Sociology | Leithfield |
| Robert Wallace Clark | Political Science | Little Silver, N. J. |
| Robert Schley Cox | Philosophy | Owensboro |
| Theodore Wilson Cozine | English | Swarthmore, Pa. |
| Jeffrey Alan Craddock | Political Science | Lexington |
| Elaine Craig | English | Hinsdale, Ill. |
| Jane Waller Crawford | English | Henderson |
| Herbert Creech, Jr. | English | Dayton, O. |
| Elizabeth Sue Daniel | Spanish and Italian | Lexington |
| James Robert Day | Psychology | Elyria, O. |
| Jean William Dezerville | History | Cagny, France |
| Jennifer Maye Duncan | Economics | Anchorage |
| Steven Sanford Early | Political Science | Milford, O. |
| Ronald Eugene English | Philosophy | Radcliff |
| Greta Gaye Fields | Journalism and English | Jenkins |
| Donna Patton Fiero | English | Franklin |
| William Robert Garmer | Political Science and History | Worthville |
| Susan Davis Gifford | Sociology | Winchester |
| Charles Austin Goodman | Anthropology | Glasgow |
| Mary Margaret Graham | History | Beaver Falls, Pa. |
| Gail McCallister Hackensmith | English | Lexington |
| C. David Harrison | History | Erie, Pa. |
| Oscar Hatch Hawley | Topical | Lexington |
| Charles Frazier Henage | Psychology | Lexington |
| Powell Griffith Henderson | English | Ashland |
| Douglas R. Hennig | Psychology | Ashland |
| Larry Neil Huff | History | Owensboro |
| Karen Lee Kimber | French | Ashland |
| Edward Patrick Lancaster, Jr. | History | Owensboro |
| William Edson Lester | Art | Liberty |
| Catherine Baum Lewis | English | Charleston, W. Va. |
| Henry Clay Locklar III | Mathematics | Lexington |
| Nancy Jean MacLean | Political Science | Nashville, Tenn. |
| D. Burton Mahone, Jr. | Radio, Television, Films | Roanoke, Va. |
| Marian Gail McAlister | Political Science | Lexington |
| Shela A. McFarlin | Anthropology | Vine Grove |
| Mary Vick McKelvey | English | Mayfield |
| Linda Louise McKinley | Chemistry | Columbia |
| Joseph Michael Medley | Political Science | Elizabethtown |
| Michael Glenn Miller | Political Science | Greensburg |
| Ned Allen Minor | English | Louisville |
| Pamela Ann Mueller | English | Sulphur |
| Gordon L. Mullis, Jr. | Psychology | Lexington |
| Jo Stober Obst | Philosophy | Lexington |
| Edwin Wakefield Ockerman | Sociology | Lexington |
| Joseph Dean O'Leary | Political Science | Lexington |

(Candidates for the Bachelor of Arts Degree cont'd.)

| NAME | MAJOR SUBJECT | ADDRESS |
|--------------------------|---|--------------------|
| Earl Barry Oremus | English | Lexington |
| Frank Brian Orletsky | History | Silver Spring, Md. |
| Nanette Sue Owen | Art | Fern Creek |
| Robert Jeter Paddock | Radio, Television, Films | Lexington |
| Dana Lynn Pauson | Geography | Lexington |
| John Edward Pearce | Political Science | Louisville |
| William Redding Peters | Radio, Television, Films | Louisville |
| Thomas Cole Phipps | Political Science | Ashland |
| Carolyn Frances Poppell | Psychology | Shepherdsville |
| Michael Douglas Ragland | Arts-Law | Harrodsburg |
| Frances Adele Reeves | English | Lexington |
| Jerry Robert Richardson | Political Science | Lexington |
| Lee Ellis Rosenfeld | Sociology | Louisville |
| William Roughen | Art | Lexington |
| Neysa Jo Routt | History | Hodgenville |
| Dale Arthur Simpson | English | Lexington |
| Eddie A. Slone | Chemistry | Inez |
| Dana McIntosh Smith | Germanic and Classical Languages and Literatures | Lexington |
| Katherine Annette Smith | Spanish | Paducah |
| Larry Allen Smith | Sociology | Lexington |
| Vernon Milton Smith | Geography | Lexington |
| Barbara Lois Spencer | English | McDaniels |
| Carolyn E. Spencer | French | West Liberty |
| Sammy Joe Spradlin | Political Science | Ashland |
| Michael Hunter Stamper | English | Shelbyville |
| Molly Jo Strader | English | Louisville |
| Thomas Rodney Thomas | Economics | Louisville |
| Richard Carlton Thornton | Speech | Lexington |
| Alfred Richard Todini | Political Science | Lexington |
| Shirley Ann Trenary | Mathematics | Alexandria, Va. |
| Rebecca Carol Wade | English | Lexington |
| James Donald Wainscott | Art | Florence |
| Jerry Lee Waikins | Chemistry | Covington |
| Richard Stanton Wasley | History | Westwood, Mass. |
| Thomas Clark Weberling | Radio, Television, Films | Elmhurst, Ill. |
| John A. Welch | History | Covington |
| Erna Elise White | History | Mt. Sterling |
| Kenneth Ray Wood | Sociology | Bagdad |
| Suzanna Sands Wood | English | Bagdad |
| Myra Priest Wooldridge | English | Lexington |
| Ann Lawrence Zimmer | English | Lexington |

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE

| | | |
|------------------------|-------------|--------------------|
| William Morton Andrews | Zoology | Lexington |
| Gene P. Bender | Chemistry | Fairfax, Va. |
| Carolyn Butler | Chemistry | Cambridge, Mass. |
| Evelyn Jeffries Davis | Zoology | Owensboro |
| McDonaid Gray, Jr. | Mathematics | Anchorage |
| Thomas Michael Hall | Psychology | Paintsville |
| James Stewart Johnson | Botany | Clarksville, Tenn. |
| Ellen Jamison Kennedy | Mathematics | Roanoke, Va. |
| Betty Gyman Keown | Mathematics | Beaver Dam |

| NAME | MAJOR SUBJECT | ADDRESS |
|--------------------------|---------------|----------------------|
| Charles Milton Kidwell | Physics | Pendleton |
| Linda Griffith King | Microbiology | Lexington |
| Margaret Miller Layson | Mathematics | Millersburg |
| John Daniel Lyons | Psychology | Monticello |
| Patricia Carol Mahanv | Sociology | Fairborn, O. |
| Mary Catherine Moerlein | Botany | Lexington |
| Norman W. Morgan | Chemistry | Louisville |
| Linda Joan Moses | Topical | West Hartford, Conn. |
| Katherine Marie Owada | Mathematics | Cumberland |
| Peter Elliott Price | Geology | Lexington |
| Patricia Wykstra Sickles | Mathematics | Lexington |
| Lawrence Andrew Theriot | Chemistry | Louisville |
| Charles William Tingle | Mathematics | Lexington |
| Willis R. Todd | Zoology | Lexington |
| Marc Chisholm Turner | Chemistry | Aurora, Ill. |

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS IN JOURNALISM

| | |
|-------------------------|----------------|
| Robert Lincoln Bradshaw | Baltimore, Md. |
| Craig Louis Panther | Louisville |

CANDIDATES FOR THE DEGREE OF BACHELOR OF MUSIC

| | |
|-------------------------|---------------|
| John Edford Black | Ft. Thomas |
| John Edward Cox | Evarts |
| Stephanie H. Jones | Louisville |
| James Tillett Merton | Lancaster, O. |
| Emily Jane Miller | Quicksand |
| Phillip Eugene Moore | Salyersville |
| Brenda Kerrick Morrison | Elizabethtown |
| Elisabeth Ann Tuttle | Lexington |

COLLEGE OF AGRICULTURE

William A. Seay, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE

| | |
|-------------------------|--------------------|
| Robert Michael Bach | Alexandria |
| Barney Osric Barnett | Harrodsburg |
| Barry Lee Bolin | Clinton |
| Ralph T. Bradford | Butler |
| Donald Roy Brame | Hopkinsville |
| James Alfred Brumagem | Mt. Olivet |
| Brenda Marie Carlson | Jamestown, N. Y. |
| Horace Nicholson Carter | Stanford |
| Calvin Russell Chaney | Campbellsville |
| Jimmie Richard Childers | Lexington |
| Dick Lamar Conger | Chattanooga, Tenn. |

| NAME | ADDRESS |
|--------------------------|---------------------|
| John Wayne Crowder | Owenton |
| James Anthony Crum | Nippa |
| James Bryon Dunsmore | Danville |
| Louis Frank Elliott | Lebanon |
| Willis Gayle Faust | Georgetown |
| Frank A. Figg | Cropper |
| William Carroll Fisher | Winchester |
| Darwin Vance Foley | Paint Lick |
| Patrick Moran Henderson | Irvington |
| Ted A. Holbrook | Pine Ridge |
| Carter Leroy Humphrey | Wolf Creek |
| Thomas Bryan Lockhart | Covington |
| Gayle L. Mainguth | Tampa, Fla. |
| Richard Lynn Major | Hickman |
| Robert Gerald Mason | Sturgis |
| Linda Lee Matheny | Elkhart, Ind. |
| William Allan McNeil | Columbia |
| Mary Lucy Montefusco | N. Palm Beach, Fla. |
| Dwain Moore | Campbellsburg |
| Mary Ann Pasqualone | Brooklyn, N. Y. |
| Ellis Lee Pennington | Dry Ridge |
| Roscoe Jimmy Robinson | Pittsburg |
| Frank Martin Schnapf | Slaughters |
| David A. Stiles | Howardstown |
| James Lee Stone | Lexington |
| Lawrence Clinton Webster | Williamstown |
| John Michael Whitt | Wrigley |
| Warren Thomas Wilson | Morgantown |

COLLEGE OF ENGINEERING

Robert Mortimer Drake, Jr., Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

| | |
|---------------------|-------------|
| Shelby Charles Jett | Cox's Creek |
| Eddie G. Steward | Sturgis |
| Larry D. Swetnam | Lexington |

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

| | |
|------------------------|---------------|
| Walter Ray Allen | Owensboro |
| Richard Henry Anderson | Chicago, Ill. |

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

| | |
|-----------------------|--------------|
| James Gary Back | Lexington |
| Harold Lewis Baldrige | Prestonsburg |
| Lee B. Benson | Central City |
| James Barrett Carr | Alexandria |
| Robert Marvin Carrico | Madisonville |

(Candidates for the Bachelor of Science in Civil Engineering Degree cont'd.)

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| NAME | ADDRESS |
|--------------------------|--------------------|
| Gordon Reed Garner | Lexington |
| Michael A. Kah | Jeffersontown |
| Kenneth Howard Kennedy | Louisville |
| William Thomas McKee | Huntington, W. Va. |
| Kerry Payne Magan | Olaton |
| Donald Eugene Mayo | Lexington |
| Joseph Michael Osborne | Lexington |
| Ronnie Lee Pfaff | Corbin |
| Jerry Gordon Pigman | Lexington |
| Harry Louis Ross | Covington |
| Bruce Spence Siria | Madisonville |
| Marshall Forrest Smith | Louisville |
| William Van Dyke Stewart | Carrollton |
| John Sory Tapp, Jr. | Lexington |
| Joseph Brown Venable | Mayfield |
| Waller Myers Welch | Lexington |
| Larry Emerson Whaley | Maysville |
| Charles Drake Wood | Louisville |

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

| | |
|---------------------------|----------------|
| Elvin C. Bryant | Lexington |
| James Rodney Cox | Louisville |
| George Vassilios Draitsas | Lexington |
| Joseph John Farcht | Lexington |
| David Edward Halley | Lexington |
| Teddy Lee Langley | Palm Bay, Fla. |
| Harvey R. Markham | Lexington |
| Stephen Eugene Morgan | Lexington |
| Darrell Ouillen | Deane |
| Frank Spalding Reid | Louisville |
| Paul Kermit Roberts | Monticello |
| David Allison Springer | Henderson |
| Charles Allen Thomas | Lexington |
| Lowell Cecel Thornbury | Ashland |
| Stanley Tillett, Jr. | Alexandria |
| Joseph Robert Weddle | Lexington |
| William Martin White | Hopkinsville |
| Andrew Kirk York | Louisa |

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

| | |
|----------------------------|----------------|
| David Aitken | Lexington |
| Ronald Winfield Bice | Trenton, N. J. |
| Michael David Blair | Bardstown |
| Joseph Alexander Blazie | Frankfort |
| Robert Leo Bowling, Jr. | Loretto |
| Ronald Cary Daniel | Leitchfield |
| Wehrle L. Fox | Louisville |
| Forrest Edwin Frazier, Jr. | Lexington |
| William Abner Freeman, Jr. | Louisville |
| George Richard Harter | Middletown, O. |

(Candidates for the Bachelor of Science in Mechanical Engineering Degree cont'd.)

| NAME | ADDRESS |
|--------------------------|--------------------|
| Daniel Martinus Hennekes | Highland Heights |
| Paul Dennig Kaiser | Lexington |
| Oliver Miles Kinkead | Cincinnati, O. |
| James Ernest Knight | Hickory |
| William Edwin McKinney | Lexington |
| Michael Alan Pollock | Huntington, W. Va. |
| David Burger Ratterman | Middletown |
| Gary Kenneth Reed | Lexington |
| Clyde Reynolds, Jr. | Frankfort |
| William Dove Starkey | Roanoke, Va. |
| William Charles Stone | Sadieville |

COLLEGE OF EDUCATION

George W. Denemark, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

| NAME | MAJOR SUBJECT | ADDRESS |
|---------------------------|--|---------------------|
| Susan Starr Ackman | Elementary Education | Westfield, N. J. |
| Thomas Lee Adkins | Recreation | Flatwoods |
| Terri Lee Vance Alexander | Elementary Education | Lexington |
| Thomas Eugene Allen | German and Physical Education | Vine Grove |
| Marilyn Vire Anderson | Elementary Education and Special Education: Mentally Retarded | Monticello |
| Robert Joseph Arnold | History, Political Science and Biological Science | Shelbyville |
| Sara Margaret Ashcraft | Elementary Education | Covington |
| Carolyn Cleo Atchley | Special Education: Speech and Hearing | Lembertville, N. J. |
| April Dianne Baas | History, Political Science | Henderson |
| Linda Mae Barker | Business Education | Ashland |
| Wilma Haverly Barnstable | History and Political Science | Louisville |
| Elizabeth Gay Bennett | Elementary Education | Fulton |
| Ruth Harris Bennett | Elementary Education | Lexington |
| Donald Edward Bingham | Business Education: General | Lexington |
| Sarah Ann Black | Elementary Education | Richmond |
| Dianne Holt Blair | Health, Physical Education and Recreation | Unionville, Pa. |
| Janet Rae Blankenship | Elementary Education | Germantown, O. |
| Donald Richard Blue | History | Lexington |
| Whitney Janet Bray | Elementary Education | Cincinnati, O. |
| Gail Ann Bridwell | English and History | Corydon |
| Faye Louise Britton | Health, Physical Education and Recreation | Meda, Pa. |
| Mary Margaret Brown | Business Education: General Business | Stanton |
| William L. Brown | Health, Physical Education and Recreation | Jamestown, N. V. |

(Candidates for the Bachelor of Arts in Education Degree cont'd.)

| NAME | MAJOR SUBJECT | ADDRESS |
|----------------------------|--|--------------------|
| Susan Elizabeth Burgess | Elementary Education | Louisville |
| Nancy Cullen Callahan | History and Political Science | Louisville |
| Marcia Lee Calvert | English | Erlanger |
| Anthony Keefe Citrin | Elementary Education | Portland, Me. |
| Douglas Bradley Clarke | History: Jr. High School | Morton Grove, Ill. |
| Verla Marie Clifford | Elementary Education | Lexington |
| Jane Cochran | Geography | Marion |
| Sherry Lynn Conatser | English | Whitesburg |
| Mary Margaret Coomes | Elementary Education | Bardstown |
| Penelope Ann Cooper | English | Louisville |
| Neva J. Correll | Business Education: General Business | Somerset |
| Barbara Greene Coughlin | Business Education: Secretarial and Sociology | Lexington |
| Kenneth Harold Covey | Health, Physical Education and Recreation | Lexington |
| Christy Lucille Craigmyle | Elementary Education | Louisville |
| Richard Clark Crum | History | Lebanon |
| Judith Gritton Cull | Elementary Education | Lexington |
| Mary Eva Cummins | Biological Science | Crittenden |
| Diane Middleton Curry | Elementary Education | Lexington |
| Michael Thomas Dalton | Health, Physical Education and Recreation | Louisville |
| Jonathan Gary DeFrees | Art Education | Chittenango, N. Y. |
| Nancy Lee Deitemeyer | English | Louisville |
| Cathie Ellen Deyerle | Elementary Education | Charleston, W. Va. |
| Kathleen Ann Dunn | History and English (Junior High School) | Covington |
| James Michael Durham | English | Lexington |
| Eleanor Buckley Eckerline | Business Education | Lexington |
| Nowanna Barton Fairchild | Elementary Education | Lexington |
| Nelson Louis Faris | Health and Physical Education | Paris |
| Cheryl Ann Farris | Elementary Education | Valley Station |
| Nancy Leake Farris | Spanish | Russell |
| Barbara Sue Fasig | Social Studies | Wooster, O. |
| Thomas Harold Fee | Biological Sciences | Lexington |
| Margaret Jeanette Ferrell | Art | Lexington |
| Susan E. Fister | Sociology and Economics | Lexington |
| Richard Lee Forston | History (Junior High School) | Lexington |
| Suzanne Amyx Frankiin | English | Shelbyville |
| Constance Hubbard Freeman | English and Social Studies (Junior High School) | Lexington |
| Terrence Richard Gallagher | Special Education: Mentally Retarded | Lexington |
| Sandra Frances Gano | Business Education: Secretarial | Lexington |
| James Donald Gleason | English and Special Education: Orthopedically and Neurologically Handicapped | Lexington |
| David Brigham Gleaves | History | Louisville |

(Candidates for the Bachelor of Arts in Education Degree cont'd.)

| NAME | MAJOR SUBJECT | ADDRESS |
|-----------------------------|--|--------------------|
| Paula Joan Goldsberry | Elementary Education | Lexington |
| Stephen Glenn Greiner | Recreation | Weirton, W. Va. |
| Susan Lee Haddad | Mathematics | Charleston, W. Va. |
| Herwood Charlene Hancock | Elementary Education | Lexington |
| Barbara Kay Hanna | Special Education, Speech and Hearing Therapy | Lake Forest, Ill. |
| Fannie B. Hays | Elementary Education | Lexington |
| Kenneth Smith Hays | History and Political Science | Louisville |
| Susan Carroll Hays | Biological Science and Sociology | Shelbyville |
| John Arnold Herald | History | West Prestonsburg |
| Elizabeth Lefiler Hicks | English | Lexington |
| Gayle Alexander Hillenmeyer | Elementary Education | Lexington |
| Jill Susan Hobbs | Business Education | Dayton, O. |
| Pamela Elizabeth Hodge | Elementary Education | Erlanger |
| Marjorie E. Hook | Mathematics | Waukegan, Ill. |
| David William Jackson | Mathematics, History and Political Science | Covington |
| Earl Glen Jackson | Biological Science | Pebworth |
| Anna Frances Joyce Jarvis | Elementary Education | Frankfort |
| Carol Jean Jett | History and Geography (Junior High School) | Ezei |
| Jean Ann Johnson | Business Education: Secretarial | Hickman |
| Judith Carol Johnson | Special Education: Speech and Hearing | Richmond |
| Lynda Lu Jolly | Elementary Education | Georgetown |
| Marilyn Brown Jupin | Health, Physical Education and Recreation | Vine Grove |
| Mary Cynthia Keeling | Elementary Education | Louisville |
| Daniel Floyd Kennedy | Business Education General Business | Lexington |
| Jack Darrel Kiser | History | Grayson |
| Clayton Alfred Klingenfus | Political Science and History | Crestwood |
| Sondra Suzanne Krimmel | Elementary Education | Erie, Pa. |
| Mary Kutzner | History | Huntington, N. Y. |
| John Rodman Leavell | English and History | Middlesboro |
| Janice Brown Ledford | English | Ashland |
| Dorothy Kosak Lemond | Elementary Education | Jacksonville, Fla. |
| William Jeff Lile | History and Political Science | Valley Station |
| Calvin Bernie Littlejohn | History | Lexington |
| Susan Polk Litton | Business Education: Secretarial | Lexington |
| Lyda Conchetta Lowe | Business Education: Secretarial | Ashland |
| Peggy Lou Lowther | Elementary Education | Lancaster, O. |
| Betty Dowden Lockett | Biological Sciences | Lexington |
| Elizabeth Anne McCann | Health, Physical Education and Recreation | Berne, N. Y. |

(Candidates for the Bachelor of Arts in Education Degree cont'd.)

| NAME | MAJOR SUBJECT | ADDRESS |
|-----------------------------|--|----------------------------|
| Pamela Keemle McCracken | Elementary Education | Lexington |
| Gordon Angus McGannon | History | Louisville |
| Loretta T. McIntosh | Elementary Education | Lexington |
| Becky Bo McReynolds | Elementary and Special Education | Harlan |
| David Alan Mann | Special Education: Speech and Hearing | Owensboro |
| Rita Royalty Martin | Business Education: Secretarial | Lexington |
| Linda Witten Mays | Elementary Education | Hodgenville |
| Martha R. Merriman | Elementary Education | Fort Atkinson, Wis. |
| Barbara Bohannon Meyer | Elementary Education | Lexington |
| Clare Lutes Million | History | Lexington |
| Darwin James Moneyhon | Social Studies | Foster |
| Timothy Victor Monson | History | Ravenna |
| Sheryl Lynn Moore | Special Education: Speech and Hearing | Ashland |
| Vicki Kane Moore | Elementary Education | Whitesburg |
| Donald Richard Moran, Jr. | History and Political Science | Jacksonville, Fla. |
| Richard E. Moyer, Jr. | Chemistry and Mathematics | Williamsburg, O. |
| Willis D. Newman | Science | Hi Hat |
| Norayne Lee Nosek | Elementary Education | Brecksville, O. |
| Carol Ann Nugent | History and Geography | St. Petersburg Beach, Fla. |
| Carolyn Sue Olson | Biological Sciences | Lexington |
| Mary Stewart Owen | Elementary Education | Lexington |
| Carolyn Hornbeek Pape | History | Butler |
| Ann Rutherford Pass | Elementary Education | Lexington |
| Ann Carolyn Patrick | Health, Physical Education and Recreation | Mt. Sterling |
| Mary Stoll Patton | Elementary Education | Lexington |
| Phillip Roger Patton | History and Political Science | Lexington |
| Sarah Lee Pearson | Elementary Education | Anderson, Ind. |
| Porter Geneal Peeples | Elementary Education and Special Education: Mentally Retarded | Lynch |
| Danny Howard Phelps | History | Cincinnati, O. |
| Sandra Carol Pinkston | Elementary Education | Springfield |
| Harry Stephen Porenski, Jr. | Science | Louisville |
| Stewart Lang Prather | History | New Castle |
| Ann Radzinsky | Recreation | Middletown, N. Y. |
| Richard Craig Ragone | Social Studies | Surfside, Fla. |
| Joyce Ann Reed | Elementary Education | Lexington |
| Vera V. Richardson | Business Education | Stab |
| Lee Wayne Ridings | History and Sociology | Louisville |
| Susan Lee Riley | Health, Physical Education and Recreation | Harrodsburg |
| Sue Herndon Ritter | Elementary Education | Lexington |
| Cheryl Ladell Roberts | Speech and Drama | Winchester |
| James Rudolph Robinson | Business Education | Lexington |
| Joan Emrich Robinson | Elementary Education | Lexington |
| Sarah Linnell Rock | English | Hodgenville |

(Candidates for the Bachelor of Arts in Education Degree cont'd.)

| NAME | MAJOR SUBJECT | ADDRESS |
|----------------------------|--|-------------------|
| Daniel Richard Scalf | Biological Sciences and Chemistry | Canada |
| Joyce Earlene Schultetus | English | Lexington |
| Jane Dentry Selby | Special Education: Speech and Hearing | Lexington |
| Nina S. Sellars | Elementary Education | Lexington |
| Corbet Michael Shull | Business Education: Accounting and History | Leitchfield |
| Linda M. Sindlinger | Elementary Education | York, Pa. |
| Charles Edward Sinoway | Biology and Chemistry | Sharon, Pa. |
| Helen Burden Sloan | Elementary Education | Paris |
| Sandra Gay Testerman Slone | Health and Physical Education | Inez |
| Elizabeth Jane Smith | Elementary Education | Lexington |
| James Allan Smith | History and Special Education: Mentally Retarded | Olin, Ia. |
| Patricia Ann Smith | Health, Physical Education and Recreation | Lexington |
| Joyce Wanda Smithers | Elementary Education | Hustonville |
| Jayne Shireen Snedegar | Elementary Education | Frankfort |
| Thomas Franklin Southwood | Special Education: Mentally Retarded Speech and Drama | Lexington |
| Robert Kynett Speed | English | Huntington, N. Y. |
| Gwendolynn Ann Stallard | Art | Wise, Va. |
| James Winston Stanley | History and Political Science | Lexington |
| Stephen Douglas Stephens | Health and Physical Education | Russell |
| Susan Marie Stephens | Biological Sciences | Richmond, Ind. |
| Jeanette Ohler Sutton | Elementary Education | Lexington |
| Mary Harney Thatcher | Elementary Education and Special Education: Mentally Retarded | St. Louis, Mo. |
| William Harold Thomason | History | Leitchfield |
| Carole Sawyer Thompson | Elementary Education | Lexington |
| Janie Lorie Timberlake | Elementary Education | Nashville, Tenn. |
| Jonell Tobin | Business Education: Secretarial | Harned |
| Louis Alexander Tosti | English | Pikeville |
| Mary Mason Tucker | Elementary Education | Lexington |
| Wayne C. Tucker | History | Covington |
| Nancy B. Turner | Business Education: Secretarial | Florence |
| Sandra Gail Turner | English (Junior High School) | Big Laurel |
| Elizabeth Ann Uphus | Elementary Education | Dayton |
| Charles Bryan Vaughn | Mathematics and History | Campbellsville |
| Stephanie Mary Vidnovic | History and Sociology | Falls Church, Va. |
| Kathleen Lee Wainman | French | Nashville, Tenn. |
| Otis A. Walker | Elementary Education | Lexington |
| Brenda Anne Watson | Elementary Education | Louisville |
| Robert Terrell Whitaker | Speech and Drama | Lexington |
| Rachel Catherine White | English | Pikeville |
| John Edward Zeles | History and Sociology | Phoenixville, Pa. |

COLLEGE OF BUSINESS AND ECONOMICS

Charles Foster Haywood, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMMERCE

| NAME | ADDRESS |
|------------------------------|-------------------------|
| Thomas Rowe Beatty | Louisville |
| Jeffrey Robert Beckman | Arlington Heights, Ill. |
| Robert Ernest Biggs, Jr. | Jacksonville, Fla. |
| Jerome Joseph Bisig, Jr. | Louisville |
| John Albert Biakeney | Louisville |
| Jerry Robert Bowen | Owensboro |
| John Ware Bowman | LaGrange |
| William Howard Bricking | Southgate |
| John Charles Broghamer | Louisville |
| Frank Von Burns | Ashland |
| Robert M. Craycraft | Catlettsburg |
| Gerald Charles Dorer | Boonton, N. J. |
| Marion Scott Duncan | Danville |
| Robert B. Etherington | Westfield, N. J. |
| Daniel Ernest Farmer, Jr. | Lexington |
| James Joseph Fischesser | Covington |
| Edwin Wendell Gatewood, Jr. | Frankfort |
| Larry Dale Hardiman | Paris |
| Kenneth Lee Hicks | Louisville |
| Ralph Anthony Ialeggio | Orange, N. J. |
| Thomas Clay Johnson | Lexington |
| Phyllis Hall Jones | Lexington |
| Thomas Albert Kaltenbrun | Lexington |
| Gary Arthur Lamont | Gasport, N. Y. |
| Joseph James Lenney | Lexington |
| William Shroul Lindsay, Jr. | Frankfort |
| Robert Edwin Livesay | Lexington |
| Byron Duane McAlister | Fulton |
| Bruce E. McCullum | Elizabethtown |
| Michael Wayne Morman | Lexington |
| Ronald Lee Morris | Burlington |
| Bryce Robert Nash | Lexington |
| John Patrick Nathan | Vincennes, Ind. |
| Stephen Marshall Oblinger | Troy, O. |
| Robert Leroy Oland | Attica, Ind. |
| Carlos Raul Plaza | Lexington |
| Wayne Ray Porter | Lexington |
| James Edward Raaker | S. Newport |
| Gabriel Ernie Ramcs, Jr. | Batavia, O. |
| Jerry Lee Richey | Somerset |
| Edward John Rolfes | Erlanger |
| Edward Joseph Schreiber, Jr. | Coldsprings |
| Thomas Linton Self | Elkhorn City |
| Roy Short | Salvisa |
| Sue Ann Shoopman | Somerset |
| Thomas Richard Simpson | Louisville |
| Jeannette Faye Spradlin | Bonanza |

(Candidates for the Bachelor of Science in Commerce Degree cont'd.)

| NAME | ADDRESS |
|---------------------------|----------------|
| Russell Lawrence Stevens | Erlanger |
| Anthony John Thomas | Louisville |
| Gerald K. Van Dyke | Columbus, O. |
| Mahlon Dale Wallace | Taylorsville |
| Edmon Lee Weedman | Madisonville |
| Norman David Weinberg | Louisville |
| Gary Weingartner | Covington |
| Louis Crawford Wells | Louisville |
| John Carl Wheeler | Louisville |
| William Edmund Wilbert II | Holmdel, N. J. |
| Roy Albert Wolnitzek | Covington |
| Jack Donald Wolfe | Lexington |

CANDIDATES FOR THE DEGREE OF BAHCELR OF SCIENCE IN ACCOUNTING

| | |
|----------------------------|----------------|
| Ann Catherine Cropper | Lexington |
| Charles Edwin Crouse, Jr. | Wilmore |
| Cora Louise Deckard | Elizabethtown |
| Donald Steffen Del Vecchio | Ashland |
| Walter Richard Kujawski | Florida, N. Y. |
| Christa Lynn McCloud | Paintsville |
| Jack Earsel May | Raccoon |
| Thomas Warren Preston | Livonia, N. Y. |
| Gilbert Warren Searcy, Jr. | Lexington |
| Stuart Dudley Taylor | Winchester |

CANDIDATES FOR THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

| | |
|----------------------------|--------------------|
| Dexter L. Alexander | Somerset |
| Robert Hunter Bush | Shepherdsville |
| Gary Curtis Gamble | Earlington |
| William Batsel Greenwood | Central City |
| Henry Carlton Gullett, Jr. | Lexington |
| Woodrow William Hahn | Bardstown |
| William Dorrer Hargrave | Lookout Mt., Tenn. |
| Edward Michael Hugenberg | Lakeside Park |
| John Harold Lambert, Jr. | Baton Rouge, La. |
| Nancy Louise McAllister | Shelbyville |
| Donald Elwood Ramming | Lexington |
| Russell Wayne Scofield | Lexington |
| John Darryl Stafford | Lexington |
| John Louis Vicini, Jr. | Lynch |

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN BUSINESS AND ECONOMICS

| | |
|-------------------------|---------------------|
| John Edward Burnett | Covington |
| William Smith Jennings | Northfield, Ill. |
| Jeffrey Hugo Lorch | Mount Vernon, N. Y. |
| Michael Paul Risdon | Hamburg, Ia. |
| William John Ryan | Erieville, N. Y. |
| Scott K. Sloan | Louisville |
| Suzanne Barrow Tuttle | Atlanta, Ga. |
| James Edward Welch | Radcliff |
| Charles Thomas Woodford | Moorestown, N. J. |

COLLEGE OF NURSING

Marcia Allene Dake, Dean

CANDIDATE FOR THE DEGREE OF BACHELOR OF SCIENCE IN NURSING

| NAME | ADDRESS |
|----------------------|------------|
| Roberta M. Blakemore | Smithfield |

SCHOOL OF ARCHITECTURE

Charles Parker Graves, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARCHITECTURE

| | |
|-------------------------|---------------|
| Harold Lynn Cravens | Lexington |
| Robert Kendall Kingsley | Versailles |
| Marcus Gordon Trumbo | Lexington |
| Lowell Kenton West | Sparta, N. J. |

SCHOOL OF ALLIED HEALTH PROFESSIONS

Joseph Hamburg, Dean

CANDIDATE FOR THE DEGREE OF BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

| | |
|---------------------|----------|
| Bonnie Sue McIntosh | Bonnyman |
|---------------------|----------|

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL THERAPY

| | |
|-----------------------|-----------------|
| Nancy Blackard Bailey | Lexington |
| Elizabeth Ann Schmuck | East Canton, O. |

SCHOOL OF HOME ECONOMICS

Leonard V. Packett, Acting Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS

| | |
|------------------------|----------------------|
| Linda Day Bennett | Taylorsville |
| Julia Frances Bishop | Lexington |
| Doris Jean Bruce | Hopkinsville |
| Harriet Ruth Denham | Maysville |
| Pamela Diane Fortner | Lexington |
| Joyce Craig Garner | Lexington |
| Sharon Lee Gitler | Louisville |
| Jean Carolyn Hendricks | Lexington |
| Connie Sue Langford | Shopville |
| Louise Joan Lopez | Bayonne, N. J. |
| Faith Alice McKnight | Greenville Jct., Me. |
| Linda Carole Mantle | Lexington |
| J. Carolyn Mason | Williamstown |

(Candidates for the Bachelor of Science in Home Economics Degree cont'd.)

| NAME | ADDRESS |
|--------------------------|----------------|
| Rebecca Faith Mattingly | Russell |
| Judith Faye Noble | Jackson |
| Norma Rosalie North | Mt. Washington |
| Virginia Smith Piersol | Lexington |
| Jo Ann Schickel | Burkesville |
| Cynthia Sowder Singleton | Lexington |
| Ann M. Wicklund | Independence |

Office of the President
February 18, 1969

PR 5

Members, Board of Trustees:

1968-69 Budget Revisions

Recommendation: that the following revisions in the 1968-69 budget be authorized and approved.

| | <u>Approved Budget</u> | <u>Revised Budget</u> | <u>Change</u> |
|---|----------------------------|---------------------------|---------------|
| A. <u>Restricted Funds</u> | | | |
| 1. Income estimates | \$ 4,938,281 | \$ 4,941,516 | \$ 3,235 |
| 2. Expenditures | | | |
| Business and Economics Accounting | 1,500 | 2,130 | 630 |
| Gifts and Grants for Scholarships | 143,956 | 146,561 | <u>2,605</u> |
| | | | \$ 3,235 |
| 3. <u>Comments</u> - Additional funds have been received to support these restricted fund expenditures. | | | |

Action: Approved X Disapproved Other

Date: February 18 , 1969

Office of the President
February 18, 1969

PR 6

Members, Board of Trustees:

ACTIVATION OF GRADUATE PROGRAM IN ENTOMOLOGY

Recommendation: that approval be given to the activation of a graduate program in Entomology leading to the Degrees of Master of Science and Doctor of Philosophy.

Background: Proposals for new graduate programs are developed by interested faculty groups, usually within a department, in close consultation with the department chairman, dean of the college, and dean of the Graduate School. This proposal is evaluated and approved, in turn, by the faculty of the college, a Special Committee of the Graduate Faculty appointed by the Graduate Dean, the Graduate Council, Graduate Faculty, by the University Senate acting through the Senate Council. These evaluations are concerned with the adequacy of total resources including the number and competence of the faculty, research productivity, laboratory space and equipment, where appropriate, and to library holdings in the area. Attention is also given to the national, as well as the local, needs for individuals with this advanced training and to career opportunities in the field. In some instances advice is sought from individuals or organizations from outside the University of Kentucky. In every instance the Executive Vice President has determined that the activation of a program is financially feasible by having the resources already available, or by assuring the availability of funds needed to meet identified contingencies.

This proposal for a new graduate program in Entomology has received the reviews and recommendations listed above and it has been determined that no additional resources are required for the activation of the program.

Action: Approved Disapproved Other

Date: February 18, 1969

Office of the President
February 18, 1969

PR 7

Members, Board of Trustees:

APPROVAL OF GRADUATE PROGRAM IN
PHARMACEUTICAL SCIENCES

Recommendation: that approval be given to a graduate program in Pharmaceutical Sciences leading to the Degrees of Master of Science and Doctor of Philosophy.

Background: This new graduate program has been reviewed and recommended by the Faculty of the College of Pharmacy, a Special Committee of the Graduate Faculty appointed by the Graduate Dean, the Graduate Council, Graduate Faculty and the University Senate acting through the Senate Council. It has been determined that the program is financially feasible and no additional resources are required for activation.

The program is structured about the two areas of specialization

Pharmaceutical Chemistry
Pharmaceutics

in the belief that the highest quality program may be developed in these specialties and that the manpower needs and career opportunities are best met by these areas of emphases.

Action: Approved X Disapproved Other

Date: February 18 , 1969

FCR 1

Members, Board of Trustees:

APPROVAL OF EXTERNAL AUDITORS FOR 1968-69

Recommendation: that the Board of Trustees engage the firm of Peat, Marwick, Mitchell & Co., Certified Public Accountants, to perform an independent audit of the financial statements of the University of Kentucky, the University of Kentucky Research Foundation, The Fund for the Advancement of Education and Research in the University of Kentucky Medical Center, the University of Kentucky Athletics Association, and The Thomas Poe Cooper Agricultural Foundation, Inc., for the fiscal year ending June 30, 1969 for a fee, including expenses, of not more than \$35,000.00.

Background: The firm of Peat, Marwick, Mitchell & Co. examined the accounts of the University of Kentucky and affiliated corporations for the fiscal year ended June 30, 1968. The audit was both thorough and timely. The Administration advised the Finance Committee of its satisfaction with that audit. The experience of the members of the firm in the examination of accounts of colleges and universities enables them to render an audit report which verifies the fiscal status of the University and evaluates the integrity of fiscal controls. The firm also possesses the ability to evaluate policies, procedures and practices utilized in fiscal management. This ability is especially valuable to administrative officers responsible for the conduct of financial administration.

Action: Approved X Disapproved Other

Date: February 18 , 1969

FCR 2

Members, Board of Trustees:

AGREEMENT WITH TVA

Recommendation: that the Board of Trustees of the University of Kentucky authorize the President to execute an agreement with the Tennessee Valley Authority, providing for cooperative agricultural resource development activities in Kentucky during the period 1969-1973.

Background: Since 1935 the University and TVA, under previous agreements, have conducted a cooperative program with farmers to develop agricultural resources in Kentucky. Such work has provided an opportunity to apply the combined technical skills, knowledge, facilities, fertilizers, and funds of the University and TVA to (a) expand and intensify services offered farmers by the University, (b) promote agricultural resource development, and (c) introduce TVA experimental fertilizers.

Although this program has been quite successful, changing agricultural conditions in the Valley have compelled TVA and the cooperating institutions (land grant universities in the seven Valley states) to assess the program's effectiveness in solving agricultural problems and in providing direction for future agricultural development. A study has been completed which recommends the revision of the present program to include a number of new program elements plus the continuation and modification of proven program activities. William A. Seay, Dean and Director of the University's College of Agriculture, in recommending execution of the agreement on January 9th of this year, stated that it conformed to the recommendations contained in the recently completed Valley States Deans' and Directors' report.

Action: Approved X Disapproved _____ Other _____

Date: February 18 , 1969

PROJECT AGREEMENT

UNDER

MASTER CONTRACT TV-13411A, AS AMENDED

BETWEEN

UNIVERSITY OF KENTUCKY

AND

TENNESSEE VALLEY AUTHORITY

This Project Agreement is entered into pursuant to the provisions of Master Contract TV-13411A, as amended, between University of Kentucky, hereinafter called "University," and Tennessee Valley Authority, hereinafter called "TVA."

I. Title: Valley Agricultural Resource Development Program and Fertilizer Introduction Program.

II. Background: Since 1935, the University and TVA, under previous agreements, have conducted a cooperative program with farmers to develop agricultural resources in Kentucky. Such work has provided an opportunity to apply the combined technical skills, knowledge, facilities, fertilizers, and funds of University and TVA to (a) expand and intensify services offered farmers by University, (b) promote agricultural resource development, and (c) introduce TVA experimental fertilizers.

Although this program has been quite successful, changing agricultural conditions in the Valley have compelled TVA and the cooperating institutions (land-grant universities in the seven Valley states) to assess the program's effectiveness in solving agricultural problems and in providing direction for future agricultural development. A study was completed which recommended the revision of the present program to include a number of new program elements plus the continuation or modification of proven program activities.

III. Purpose and Character: This project agreement provides the basis for cooperatively conducting a comprehensive agricultural resource development program in the Tennessee Valley counties of Kentucky. Specific elements to be applied and the intensity of their application will be dependent on the nature and magnitude of identified problems and availability of personnel and funds. All elements of the program may be conducted in the Tennessee Valley counties with the exception that new unit test-demonstration farms are not to be selected. This agreement also provides for continuation of cooperative work in the non-Valley counties of Kentucky as a part of TVA's national fertilizer research and development program. Fertilizer

trials and field demonstrations, enterprise demonstrations, unit test-demonstration farms, and special research studies are the only program elements to be conducted outside the Tennessee Valley counties. Objectives of the program outside the Valley are to introduce and evaluate new TVA fertilizers and to promote a more efficient use of fertilizers by farmers.

The primary objective of the cooperative Valley agricultural resource development program is to maximize the economic and social welfare of rural people through increased income to the agricultural sector.

Specific subobjectives of this program are:

1. Encourage changes in land use compatible with its highest economic capability over time.
2. Promote economical size farm units and improved tenure arrangements.
3. Promote market education programs and upgrade and expand marketing systems.
4. Improve management on farms and encourage adoption of improved technology.
5. Evaluate and introduce new fertilizers developed by TVA as a part of its national fertilizer research and development and educational responsibility.
6. Study or explore the impact of human, cultural, and institutional restrictions on commercial agriculture and improve the ability of rural people to adjust to social and economic change.
7. Introduce and evaluate new and potential income-producing agricultural enterprises.
8. Define new and emerging problems impeding agricultural resource development.

A program statement will be prepared describing the problems to be dealt with in the cooperative program, the scope of such problems, a detailed description of each program element, and a framework for applying the program elements in solving the problems.

- A. Rapid Adjustment Farms will be established to explore income and adjustment possibilities for farms selected from important segments of agriculture and having characteristic resources and adjustment potentials. Adjustments in farm organization and management will be made in a short period of time so that the experience gained can be used in wide-scale programs. The audience for the farms is primarily professional agricultural workers. Farmers selected will either have the resource base or have the potential for

obtaining resources necessary to develop full-time commercial farming units. Since rapid changes in a farm organization involve high risk and in many cases large outlays of capital, TVA will share directly in the adjustment through an incentive on fertilizers. The incentive is provided partly to encourage optimum levels of fertilization. TVA fertilizer will be made available at no cost, f.o.b. the fertilizer plant in an amount not to exceed an average annual cost to TVA of \$1,400 per farm for all farms that have been in the program four years or less. The maximum annual TVA cost for any one farm will not exceed \$2,000. If the participation period of any farm is extended beyond four years, the farmer will pay the partial-pay price for TVA fertilizers for an amount not to exceed an annual cost to TVA of \$750.

- B. Resource Management Farms will be the part of the agricultural program which places emphasis upon demonstrating the profitability of various farming systems. Efficient resource use will be demonstrated for the benefit of farmers generally.

Groups to be identified and worked with include (a) commercial farmers, (b) potentially commercial farmers, (c) low-income farmers, and (d) farmers with potential for recreation, tourism, and related enterprises. The whole farm business will be the unit of planning. The major objective is to demonstrate the maximization of income through efficient use of the farm resources in a given locality or region. TVA's Electrical Demonstration Branch will assist cooperating farmers in planning the use of electricity where this will increase the efficiency of labor or otherwise help to raise farm income. Experience on rapid adjustment farms and other up-to-date technological advances such as linear programming will be used in evaluating alternative farm adjustments. Farms will participate for a period of five years. In special cases, farm participation may be extended for two additional years. Farm records will be a major source of information for measuring farm progress, guiding future planning, and evaluating program results.

TVA fertilizers will be made available for use on resource management farms at incentive prices to encourage participating farmers to develop and implement whole-farm plans. Fertilizer incentives will be established through annual rate schedules.

- C. Enterprise Demonstrations will be established for the purpose of demonstrating income possibilities from crop and/or livestock enterprises in Valley counties. TVA and University will use enterprise demonstrations primarily to introduce new crops and obtain input-output data from crop and livestock enterprises. They will afford a means of conducting intensive work during a

short time on a specific problem. They will also fill a need for demonstrations on a scale larger than small plots but smaller than the whole farm. Participants may be selected for periods up to five years.

In the out-of-Valley counties the primary purpose of enterprise demonstrations is to demonstrate a combination of recommended fertilizer and other production practices for a crop and/or live-stock enterprise. They will permit the use of fertilizers on a sufficient scale to determine if the practice is economical and to assess the role of fertilizer using the enterprise as the production unit. In both Valley and non-Valley counties, TVA fertilizer will be made available at prices applicable to resource management farms.

- D. Fertilizer Trials and Field Demonstrations will consist of new fertilizer evaluations and fertilizer practice demonstrations. New fertilizer evaluation demonstrations will be conducted with TVA pilot plant or early demonstration-scale plant products to assist in the planning for future fertilizer production. Each new TVA fertilizer to be evaluated will be compared with a standard source on plots designed for statistical analysis. Evaluation sites will be located on soils where a response is expected to the nutrient in question.

Fertilizer practice demonstrations will be conducted to (1) introduce new TVA fertilizers to agricultural workers, farmers, and fertilizer dealers and (2) demonstrate solutions to specific soil fertility problems. Emphasis will be placed upon demonstrating the value of fertilization practices proven by research but not yet in general use. Demonstrations will be planned and conducted to obtain impact and a spread of practices to other farmers. Results will be evaluated in terms of educational objectives.

For both types of demonstrations, plots will be small, usually less than an acre in size, and fertilizers will be provided by TVA at no cost.

- E. Tributary Area Development techniques will be utilized in organized TAD areas in an effort to advance economic growth through fuller development and use of all available resources. Developmental programs will encompass a wide range of activities including assistance in compiling a detailed inventory of resources, defining area problems, developing a comprehensive action program, conducting special studies, and guiding agricultural work groups as they plan and carry out various phases of the program. Reliance will be placed upon citizens' groups in orienting the program to local conditions and coordinating with other activities of the TAD organization.

Valleywide cooperative agricultural program activities conducted in organized TAD areas will be used to solve problems identified within the watersheds. Intensified agricultural programs may be initiated in specified TAD areas upon written approval of the parties.

- F. Special Area Projects will be conducted when problems or developmental opportunities are so well defined in a particular area as to justify special programs. In such areas TVA and University will concentrate the cooperative program elements on an intensified basis or will devise a special program mix from the elements. In addition, new or unique program activities aimed at particular problems may be designed and implemented in those areas. The knowledge and experience derived from special area projects will be transferred, where applicable, to other areas through the cooperative effort. Prior to initiating special area projects University and TVA will develop a program statement justifying the special program.
- G. Land Tenure Projects will provide a means for consolidating and making fuller use of the agricultural land resource base of the Tennessee Valley to increase farm income. For specified areas of the Valley, TVA and the University will obtain information on prevailing land prices, equitable returns to land used for agricultural purposes, alternative leasing arrangements, land available for lease or purchase, and techniques for evaluating the farm income effects of acquiring additional land. If other means of making available information and planning assistance to farmers do not exist, TVA will provide contractual funds for personnel to perform this function. TVA and University will involve other agencies and organizations that have an interest and statutory obligation to improve land consolidation and use. Land tenure projects will be initiated on a pilot basis and expanded only when experience has been gained.
- H. Farm Management Associations will be used to improve income of participating farmers by providing professional management services and improving their management skills.

Farm management services are available through private farm management companies in many areas outside the Valley. In other areas associations of farmers are used to obtain these services. These services include enterprise and whole-farm planning, recordkeeping and analysis, providing tax service, providing assistance in marketing and purchasing, teaching new technology, and the like.

TVA and University will cooperate in determining the feasibility of these associations and will assist interested groups in organizing and establishing them on an experimental basis. TVA's major

contribution, other than professional assistance, will be in the form of contractual funds for personnel until the associations can become self-supporting. The aim will be for the organization to become self-sufficient in financing and leadership within a reasonable length of time; therefore, TVA will furnish assistance during the early years.

- I. Agribusiness Development Activities will increase agricultural income through expanding marketing, processing, and supply facilities available to Valley farmers. Such activities will include more explicitly defining agribusiness problems and opportunities promoting the development of agricultural product markets, encouraging firms to supply farm inputs and services at minimum cost, determining the need for new markets and processing facilities, assisting with the expansion or development of agribusiness facilities, and obtaining greater involvement of agribusiness firms in resource development activities. University and TVA staffs will be sensitive to the trends and developments within the agribusiness sector and will maintain contacts with this sector so that program activities may be redirected to meet changing needs. TVA may provide funds for selected studies to determine the feasibility of locating or expanding needed agribusiness facilities in the Valley.

Conferences and seminars will be conducted jointly with colleges, trade associations, regional cooperatives, and/or other agribusiness groups to get a spread of new technology, improve services, and coordinate activities contributing to agricultural resource development.

- J. Tennessee Valley Resource Development Conferences will be used to obtain a broader insight into the problems that are retarding the development of the Tennessee Valley. These conferences will serve as a stimulus for the interchange of ideas among the many fields and disciplines involved in resource development. They will serve as a tool for Extension and research workers, political leaders, farm and community leaders, and other agencies and organizations interested in more effective resource development programs. They will constitute a means for assembling and synthesizing information for programming purposes, identify significant problems retarding development, and give rise to new and unified efforts that will improve the welfare of the Valley's people. These conferences may be planned and supported cooperatively by TVA, the land-grant universities in the Valley, and other agencies and organizations interested in agricultural resource development in the Tennessee Valley.
- K. Special Research Studies will be carried out by TVA and the universities to identify problems, evaluate programs, suggest new programs, and provide data for ongoing programs. In order to keep research

projects and action programs in perspective with development needs a Valleywide research committee composed of representatives from the colleges and TVA will be formed. The committee will make recommendations on research projects needed in agricultural resource development and how results of research may be used to modify and improve program activities.

- L. Unit Test-Demonstration Farms (Outside the Valley): Unit test-demonstration farms are one of the major program activities through which TVA experimental fertilizers and recommended fertilizer practices are demonstrated and spread to farmers generally.

The number of farms to be established and supervised will be mutually agreed upon in the annual plans of work. The farms will be selected and supervised by University on the basis of major soil associations, fertility problems, size of farm, type of farming, accessibility for tours, and ability of the farmer to conduct the program. Each farm selected may participate in the program for a period not to exceed five years. TVA fertilizers will be supplied at prices designed to encourage farmers to implement agreed upon program activities. Specific prices will be established through rate schedules.

University will require each unit test-demonstration farmer to keep crop production records for all fields on which test-demonstration fertilizers are used during the entire period in which he is participating in the program. These records will be adequate to evaluate results obtained from the use of such fertilizers. Each cooperating farmer will keep farm financial records and such other special records as may be agreed upon by University and TVA and specified in the annual plan of work.

IV. Administrative Methods and Procedures: University and TVA will jointly plan and provide overall direction to the program. Coordination of the various phases of the program within the state and the establishment of guidelines for program operation will be the responsibility of the state committee. Overall direction of the program, particularly on matters of policy, will be the responsibility of the contact officer. At the state and district levels, the contact officer will enlist the participation of agencies and organizations that can contribute to the program. Day-to-day coordination of the program will be the function of the Extension-TVA program specialist. Extension specialists will contribute to the program as appropriate for their individual subject-matter areas. County and area Extension personnel will be responsible for assisting individual participants in development plans, conducting demonstrations, and carrying out other activities associated with the program. They will also enlist the participation of local agencies and organizations that may be able to contribute to the program.

Specific responsibilities of University, TVA, and cooperating families are:

A. University Responsibility

University will be responsible for planning the program in cooperation with TVA and for its administration and supervision; reporting the results to TVA; interpreting the results to farmers and other interested groups within the state; promoting widespread adoption of successfully demonstrated practices and farming systems and providing educational guidance to farmers, other program participants, and to organizations participating in the program.

B. TVA Responsibility

TVA, through its Division of Agricultural Development, will provide overall direction to the program; coordinate activities within TVA and between states; assist in planning specific work to be done; review and approve applications for establishing program activities, work plans and budgets, and requisitions for fertilizer; evaluate and interpret the results of the program submitted by University.

C. Family Responsibility

Subject to the provisions of this agreement, University and TVA will rely heavily on the initiative of cooperating families for the conduct of the program. They will be asked by University to agree to carry out the program on their farms, in their homes, and in their communities in accordance with standards established by University consistent with this agreement and the annual plans of work.

V. Work Plans and Budgets: University and TVA will prepare, on or before January 1 of each year, an annual plan of work, and on or before January 1 and July 1 of each year, a semiannual budget which will include the following:

- A. The work plan shall contain a description of the type, number, and location of all program activities to be conducted throughout the state; a summary of the nature and scope of any analytical studies under way or to be undertaken with respect to the program; the operating procedures to be followed during the ensuing year; and a statement as to the specific program activities that will be carried out during the year.
- B. The budget shall contain an estimate of the amounts and types of fertilizer required and of the total expenditures needed to carry out the work plan, together with the contributions to be made by TVA and University in financing the project. Upon approval by University and TVA the work plan and budget will constitute the operating agreement for the conduct of the program during the year.

VI. Reports: University shall provide TVA with reports and records with respect to the work undertaken pursuant to this project, including the following:

- A. An annual report to be submitted to TVA on or before February 15 of each year reporting and evaluating the results and accomplishments during the preceding calendar year and identifying problems encountered. This report will follow an outline prepared by University and TVA jointly, so that information needed by each will be recorded.
- B. Special reports specified in the work plans with reference to the storage, handling, and application characteristics of the new or modified fertilizers under practical farm conditions, the acceptability of the new or modified fertilizers to farmers, and statements of the characteristics affecting the farmers' attitudes toward the material.
- C. Other special reports mutually agreed upon from time to time and provided for in the work plans. These reports may include quarterly, monthly, long-term reports, and reports on special studies.

VII. Publications: Any publication of the results of this project will be made only after joint approval of the parties and with appropriate recognition of the contribution of each of the parties; provided, however, that in case of failure to agree as to manner of publication or interpretation of results, either party may publish the data, giving due credit to the participation of the other party in the work but assuming full responsibility for any statements on which there is a difference of opinion.

VIII. Contribution of Parties and Fiscal Arrangements: University and TVA will each bear a portion of the total cost of conducting the program. TVA will contribute to the program by providing (1) the services of TVA staff members to the extent necessary to keep University informed on TVA agricultural policies and objectives and to assist in formulating and evaluating the program; (2) fertilizer materials on terms established by TVA from time to time; (3) funds to reimburse University for a portion of its expenses in carrying out the program; and (4) signs and special equipment not provided by University or cooperating program participants.

University will contribute facilities and the services of such personnel, in addition to those for which TVA provides reimbursement, as are necessary to carry out the program.

The amount and method of payment of funds, exchanging facilities and personnel, and providing fertilizers will be governed by and made in accordance with the annual budget described above. Payments by TVA shall be made upon receipt of invoices in duplicate submitted by University covering expenses for which TVA has agreed in the budget to reimburse

University. TVA shall pay such invoices promptly upon receipt and approval thereof. TVA shall have the right at any time during usual business hours to examine the records of University for the purpose of determining expenditures made and evaluating the work performed. All commitments beyond June 30 of each year shall be subject to the availability of funds adequate to each of the parties for the purposes of the program.

IX. Delegations: In all matters relating to the performance of the project, the Director of the Division of Agricultural Development, or his designated representative, shall act for TVA and the Director of the Cooperative Extension Service of University, or his designated representative, shall act for University, except in matters relating to research in performing this project, in which event the Director of Agricultural Experiment Station, or his designated representative, shall act for University, unless either party notifies the other in writing that another of its officials has been empowered to perform such functions.

X. Nondiscrimination: The program shall be conducted in compliance with the provisions of Title VI of the Civil Rights Act of 1964 and Part 302 of Chapter II in Title 18 of the Code of Federal Regulations, which provisions are incorporated herein by reference and made a part hereof, and with any future amendments thereto. No person shall be excluded from participation in the agricultural resource development program as a cooperator or as an observer of any program activity on the ground of race, color, or national origin, and no educational or informational materials, services, or other assistance made available hereunder shall be withheld from any person on such grounds. Failure to comply with this section shall constitute a material breach of this agreement for which TVA may terminate the agreement or discontinue contributions to the program in accordance with the provisions of the Code of Federal Regulations cited above, without regard to the provisions of section XIII hereof.

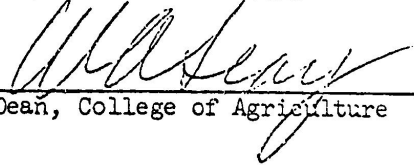
XI. Congressional Interest: No member of or delegate to Congress or resident commissioner or employee of TVA shall be admitted to any share or part of this agreement or to any benefit to arise therefrom.

XII. Duration: The project is effective as of January 1, 1969, and shall continue in effect through December 31, 1973; provided, however, that either party may cancel the agreement on thirty (30) days' written notice to the other before the end of any Federal fiscal year. Cancellation of this agreement shall not relieve the parties from the performance of obligations then accrued thereunder.

APPROVED:

UNIVERSITY OF KENTUCKY

Jan 7, 1969
Date


Dean, College of Agriculture

Date

President

TENNESSEE VALLEY AUTHORITY

Date

General Manager

FCR 3

Members, Board of Trustees:

APPROPRIATION FROM COMMONWEALTH
GENERAL FUND ALLOCATION FOR CAPITAL PROJECTS

Recommendation: that the Board appropriate the sum of One Million Eight Hundred Fifty-Three Thousand Five Hundred Dollars (\$1,853,500) from the University's share of the Commonwealth's General Fund allocation for capital projects to defray the costs of planning and implementing the following projects:

Educational Television Equipment - Community Colleges -
This action will permit the reception and use of educational television in a number of the community colleges.

Agricultural Regulatory Services Facility - This facility will house the Agricultural Regulatory Services, Agricultural Seed Stock Program, and the University Seed House.

Community Medicine Facility - Mycology and Animal Tuberculosis - This facility will be used for Mycology laboratory and field experiments in infectious bacteria and for Animal Tuberculosis experiments.

Renovation Project for Earth Sciences - This renovation project will provide facilities for the Department of Geology.

Renovation of Engineering Quadrangle - This renovation project will provide for the improvement of facilities within the Engineering Quadrangle for use by the College of Engineering.

Dormitory Facility at Wood Utilization Center - This dormitory facility will provide housing for students enrolled in the Wood Technology program at the Wood Utilization Center at Quicksand.

Development of Intramural Fields - This project will provide for the development of intramural fields for use by students and staff.

Renovation for Neurosurgery - This will provide space in the Albert B. Chandler Medical Center for use by the Department of Neurosurgery.

Background: Funds were allocated in the Governor's Executive Budget for 1968-70 for capital projects, and the University's portion of that allocation is the \$1,853,500 included in this recommendation. The projects listed above carry a high priority within the total capital needs on the main campus and in the community colleges. Tentative cost estimates have already been made on the above projects, and the firm estimates will be presented to the Board when available.

Action: Approved X Disapproved Other

Date: February 18 , 1969