



February, 1963

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KANSAS 4-H

Journal

The 4-H Family Magazine

Kansas 4-H Foundation, Inc., Publisher



ARTICLES

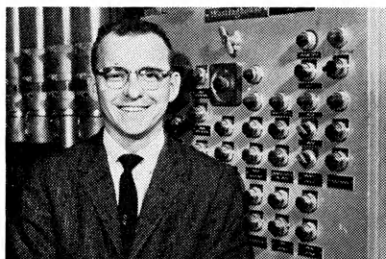
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College
and
Careers
Issue

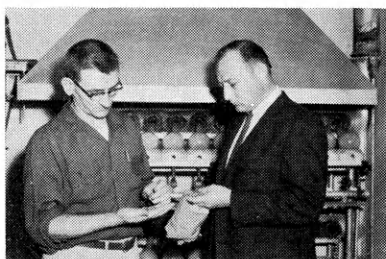
College and Career Issue



BERT L. CURRY, '56—Animal nutritionist in charge of feed mill operations at \$5 million ag research center for one of the nation's largest drug manufacturers, testing new drugs.



DONALD BOWERS, '59—A salesman for a prominent firm manufacturing feed additives which play an important role in today's scientific feeding programs.



BURDELL NOLTE, '58—Director of quality control and research, and research farm testing, supervising work of analytical chemists who quality-check feeds produced by his company.

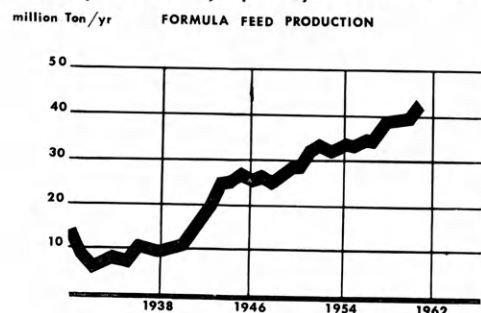
Kansas State University

FEED TECH GRADUATES HAVE THE "EDGE" ON TOP CAREERS *in*

FEED PRODUCTION
MILL ENGINEERING
NUTRITION
QUALITY CONTROL
PURCHASING
SALES AND ADVERTISING
MANAGEMENT

The Dynamic FORMULA FEED INDUSTRY Invites You To Consider These Facts:

As our population climbs, so does the demand for quality foods made possible by quality FEEDS. The unique Feed Tech facilities at KSU give the finest academic and practical experience available anywhere in the world.



Source: American Feed Manufacturers Association

Each year, there are more jobs open than there are graduates to fill them. Take advantage of your agricultural background, start planning NOW for an interesting, productive and rewarding career in America's great and growing Formula Feed Industry.

SCHOLARSHIP FUNDS AVAILABLE TO QUALIFIED APPLICANTS

Investigate!

FILL OUT COUPON AND MAIL IT IN RIGHT NOW.

Dr. Duane Acker, K.S. University, Manhattan, Ks.
Please mail free brochure about the Feed Tech program and information about jobs in Agribusiness.

Name

Address

School

VISIT any of these feed manufacturers; get a first-hand look at this vital industry:

- Arrow Feed Mills
Junction City
- Becker Feed & Supply, Inc.
Galva
- Blair Milling & Elevator Co.
Atchison
- Buller Feed Mills
Halstead
- Circle B
Concordia
- Gooch Feed Mills
Salina
- Harvest Brand, Inc.
Pittsburg
- Honnegers, Inc.
Topeka
- Humboldt Elev. Mills
Humboldt
- Kansas Soya Products Co.
Emporia
- Kelso Mfg. Co., Inc.
Pittsburg
- Key Milling Co.
Clay Center
- Light Grain & Mfg. Co., Inc.
Liberal
- Naturich Mills
Abilene
- Plush Mills
Glasco
- Supersweet Feeds
Salina
- Winterscheidt Mfg. Co.
Seneca
- Walnut Creek Mfg. Co.
Great Bend

Loss To Kansas 4-H

Memorial Proposed for Roberta Anderson

Roberta Anderson, Extension Specialist in 4-H Club Work, met tragic death in a car-train collision, December 21. She was enroute to spend Christmas with her family at Sargeant, Minn.

All Kansas grieves the loss of a wonderfully vivacious, able, and dedicated youth worker. In her work in Southwest Kansas counties and in state-wide programs, in her pioneering work with the personal development program, Miss Anderson was becoming known as a leader among youth workers of the nation.

Memorial Fund

There have been many inquiries about a memorial for Roberta Anderson. Her family, in Kansas following the funeral, expressed the feeling that Roberta's great devotion to, and pleasure in working with, Kansas 4-H people, made it desirable there be a memorial in Kansas.

Knowing of Roberta's work with health conference and her interest in Rock Springs, they viewed the Center and thought a memorial there might be first choice.

While expressing no definite preference they suggested a memorial that would be useful or permanent as possible.

Contributions to the memorial fund may be sent to Kansas 4-H Foundation, Umberger Hall, Kansas State University, Manhattan, Kansas, or to the State 4-H Club Office, same address.

Quotes From Typical Letters From Across the State

"... Roberta was a shining example of young America at its best—her enthusiasm and love of work with youth was unexcelled. Her visits will long be remembered because of her cheerfulness and ability to so pleasantly work with others'... 'each one of us knew of her many deeds which expressed so beautifully the character of a beloved leader... the big "little" things that she did for each of

us with that "I'm glad to Help" smile were the highest tributes ever given us 4-H'ers. This smile that was Roberta's always took the sorrow out of failure and made success encouragement to strive for the higher values of life" . . . "I am writing to find out if it would be possible to help with a 'Roberta Anderson Memorial' fund? All the 4-H'ers of the state of Kansas loved Roberta and I am sure they would want a fund to build something in her memory at Rock Springs."

About This Issue

The Editor of the Kansas 4-H Journal would like to have any comments you might have concerning this issue.

If it has been of help to you, how have you been able to use it and what parts have been of most value—If it has not been of help, what would you like to see included in it in the future.

HELP NEEDED FOR ROCK SPRINGS RANCH STAFF

Several openings are available on the summer staff at Rock Springs Ranch for older youth, as well as for adults. Included are such specialized jobs as horseman, cook-dietitian, assistant cooks, assistant director, office secretary, building custodian, and dining room assistant. Several "junior assistants" are needed for various assignments. Application should be made to Kansas 4-H Foundation, 212 Umberger Hall, KSU, Manhattan, giving full information as to qualifications and experience.

Correction

The 1962 Electric Project winner in Finney county was Viril Brown. We reported it as Vicky Brown.

Vol. IX, No. 2 February, 1963

Don Esslinger.....Editor

Editorial and Business Office

Phone JE 9-2211 Ext. 208

Manhattan, Kansas

Published Monthly By

KANSAS 4-H FOUNDATION, INC.

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The 37 Rural Electric Cooperatives have over 56,000 miles of electric lines bringing electricity to your homes so that you can live better electrically.

For the modern 4-H farmer this low cost efficient electric power is equal to many hired hands.



Kansas Electric Cooperatives, Inc.

420 W. 9th

Topeka, Kansas

4-H Is Helping Jim Solve His Career Problem

By Dale Apel

Jim White has a problem.

He isn't alone. So do 90% of the 500,000 4-H boys who live on farms.

Jim lives with an older brother, a younger sister and his parents on a 480 acre grain and livestock farm. Sixteen years old, he is a junior in a 250 student rural high school.

Jim's problem is he doesn't know what he would like to do after he graduates from college. He realizes college will pay big dividends.

Jim wouldn't mind farming, but his brother, Fred, a senior at State College majoring in agriculture, has already made definite plans to farm in partnership with their father.

The family farm will not support more than two families, probably not more than one for the long run. To buy another farm and set up farming would take more money than Jim or his parents could hope to raise.

So, like 450,000 of the half million farm 4-H boys in the United States, Jim will not be able to make farming his vocation.

Sue, Jim's little sister, has just joined the 4-H Club. She's already said she wants to be a nurse, dietician, fashion model,

Dale Apel is Extension Specialist in 4-H Club Work, Kansas State University, Manhattan.

Before taking his present position he was editor of the Kansas 4-H Journal. He is a former Chautauqua county 4-H Club member, Washington, D. C. trip winner and county club agent.

Mr. Apel holds degrees from Kansas State University and the American University in Washington, D. C.

PLANNING TO STUDY LAW?

Students looking forward to the study of law in graduate school and admission to practice this learned profession can prepare for a successful career by selecting basic courses in high school and college. For the student and their faculty advisors, the following courses are recommended:

I. INFORMATION STUDIES

A. Social Studies

1. History

- High School—World History, American or U. S. History
- College—8 to 12 hours, including European History, English History, and English Legal History.

2. Political Science

- High School—1 year
- College—8 to 12 hours, including American Government, Comparative Government, and International Relations.

3. Economics

- High School—(If given)
- College—8 to 12 hours, including Economic Principles, Money and Banking, and 6 hours of accounting.

4. Sociology (Survey course in College)

B. Natural Sciences:

1. Biological Sciences

- High School—1 year (Biology)
- College—8 to 10 hours, including Physiology, Zoology or Bacteriology.

2. Physical Sciences

- High School—1 year of Physics or Chemistry
- College—10 hours, including Chemistry, Physics, or Geology (2 out of 3)

II BASIC THOUGHT COURSES:

1. Mathematics

- High School—2 years
- College—5 to 10 hours, including Algebra, Trigonometry, Analytic Geometry

2. Philosophy

- High School—
- College—6 hours, General Psychology and Abnormal Psychology

III STUDIES DESIGNED TO GIVE ACCURACY AND CLARITY OF EXPRESSION:

1. English

- High School—All courses offered
- College—20 to 25 hours, including the basic Rhetoric and English Literature courses (i.e. 10 hours) Advanced writing courses (5 hours), Shakespeare (4 hours), Classic Literature (3 hours), Public Speaking (2 hours) and Bible (3 hours).

2. Ancient Language

- High School—2 or more years of Latin.
- College—2 semesters (if course was not taken in high school)

3. Modern Languages

- High School—2 years
- College—10 hours



**THE BAR ASSOCIATION
of the STATE OF KANSAS**

COLUMBIAN BLDG.—TOPEKA

homemaker and mother. It seems Sue changes her mind every week on what she would like to be.

Both Jim and Sue are fortunate to have parents who visit with them about the various vocations in which they have expressed an interest.

Jim knows his parents are different from those of many of his neighbors and friends. His friends are told if they don't farm, they can go to town and get a job in a service station, store or factory. For some this is right, but for others it is not.

But Jim has seen too many of his older brother Fred's friends who didn't get good jobs in town and who have been out of work too frequently during the past two or three years.

Sue's taking foods this year. Her project leader has already told her about careers as a dietician, home economics agent, teacher, and researcher testing new recipes. Sue finds each interesting and just wishes she has nine lives to live, as does the proverbial cat.

Jim, too, had discussed various vocations with his project leaders when he was younger. Now he wants more details. So he decided to ask his 4-H community leader.

"Several of the other mem-

(Continued on Page 32)

FREE!!

New 4-H Woodworking Plans

PATIO PLANTER

This planter was made by Richard Bechelmayer, Chase county. It is made of redwood.



INSECT DISPLAY BOX

This box is shown by Allen Jones, Riley county. It is the recommended size for display in the Kansas State Fair.

*Plans for These Projects Are
Available At The Lumber Dealers
Listed on These Pages. Ask For Them.*

Christmas
Tree Gifts



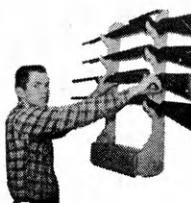
Vertical
Shoe Rack



Sewing
Cabinet



Handy
Gun Rack



Rotating Selection
Tool Rack



Automatic
Bird Feeder



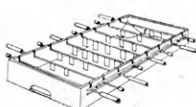
Cart with
Removable
Trays



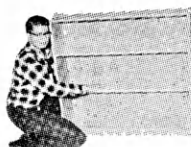
Typing Desk
and Bench



Football
Game



Book Case



Pounding Board



Magazine Rack



Walnut Chest



For other FREE 4-H woodworking plans, see the next pages.

THE lumber dealers listed on these two pages are supporting the 4-H woodworking project with this information and free woodworking plans. Get your plans from them.

Oakley
Oakley Lumber Company
Golden Belt Lumber Company

Oberlin
Building Supply Headquarters

Offerle
Offerle Co-op Lumber Co.

Olathe
Cowley Lumber and Hardware Company

Onaga
Onaga Lumber & Grain Co.

Oswego
Home Lumber and Supply Co.

Ottawa
Hubbard Lumber Company, Inc.

Paradise
Paradise Lumber Company

Parker
Blaker Lumber and Grain Company

Parsons
O. E. Woods Lumber Co.

Phillipsburg
Hardman Lumber Company

Plains
Home Lumber and Supply Co.

Pleasanton
Blaker Lumber and Grain Company

Prescott
Prescott Lumber Company

Pretty Prairie
The George W. Ulitch Lumber Company

Protection
Home Lumber and Supply Co.

Russell
Hardman Lumber Company of Russell Inc.

St. Francis
St. Francis Equity Exchange

St. Marys
St. Marys Lumber Company

St. John
English Lumber and Supply Company
Home Lumber and Supply Co.

Salina
Everett Lumber Co., Inc.

Satanta
The T. M. Deal Lumber Company, Inc.

Seneca
Koelzer Lumber Company
Seneca Lumber Company

Severy
Tolman-Gibbon Lumber Company

Smith Center
Mid-West Lumber Company
Smith Center Lumber Company

Stafford
The T. M. Deal Lumber Co., Inc.
Home Lumber and Supply Co.

Stockton
Stockton Lumber Company
The Golden Belt Lumber Co.

Sublette
The T. M. Deal Lumber Company, Inc.

Syracuse
Everitt Lumber Company, Inc.

Tonganoxie
Tonganoxie Lumber Co.
Hunter Lumber Company

Topeka
Whelan Lumber Company
Main Store, 715 E. 4th
Pauline Branch at Pauline
Highland Crest Branch, 200 E. 29th
Seabrook Branch, 2019 Gage

Ulysses
The T. M. Deal Lumber Company, Inc.
Ulysses Lumber Co.

WaKeeney
Hardman Builders Supply Company

Wakefield
Sanborn Lumber Company

Wathena
Farmers Grain and Lumber Company

Wellington
Wellington Lumber and Supply Company, Inc.

Wichita
Lawrence Lumber Company
Stockyards Cash and Carry Lumber Co.
Alexander Lumber Company

Wilson
Hoch Lumber Company
Wilson Lumber Company

Winfield
A. B. Everly Lumber Company

Woodbine
Kohler Lumber Company

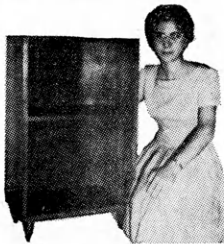
Zenda
The George W. Ulitch Lumber Company

Missouri

Kansas City
The George W. Ulitch Lumber Company, 11432 Truman Road

Ask For Your 4-H Woodworking Plans.

Bedside Stand



Bill's Baseball Rack



Simple Work Bench



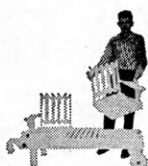
Toy Stove



Chest of Drawers



Lawn Set



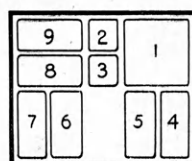
Yard Cart



Child's Step Stool and Chair



Two Games



Looking for Woodworking Ideas?

See Any of These Lumber Dealers for a Free 4-H Woodworking Plan

See The Following Pages
and Page 7 for Pictures
of Available Plans

OTHERS

Gate Sign	Coffee Table
Martin House	Back Yard Fence
Hanging	Lazy Susan
Flower Box	Tete-A-Tete
Funny Book	Bathroom
Rack	Holding Gate
Dog House	Wall Cabinet
Picnic Table	Sandbox
Sheep	Blue Bird House
Blocking Box	Picnic Bench
Bookcase	Mail and
Headboard	Memo Board
Collapsible Visual Aid Stand	

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Golden Belt Lumber Company

Oberlin
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Olathe
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Onaga
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Oswego
Home Lumber and Supply Co.

Ottawa
Hubbard Lumber Company, Inc.

Paradise
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Parker
Blaker Lumber and Grain Company

Parsons
O. E. Woods Lumber Co.

Phillipsburg
Hardman Lumber Company

Plains
Home Lumber and Supply Co.

Pleasanton
Blaker Lumber and Grain Company

Prescott
Prescott Lumber Company

Pretty Prairie
The George W. Ulitch Lumber Company

Protection
Home Lumber and Supply Co.

Russell
Hardman Lumber Company of Russell Inc.

St. Francis
St. Francis Equity Exchange

St. Marys
St. Marys Lumber Company

St. John
English Lumber and Supply Company
Home Lumber and Supply Co.

Salina
Everett Lumber Co., Inc.

Satanta
The T. M. Deal Lumber Company, Inc.

Seneca
Koelzer Lumber Company
Seneca Lumber Company

Severy
Tolman-Gibbon Lumber Company

Smith Center
Mid-West Lumber Company
Smith Center Lumber Company

Stafford
The T. M. Deal Lumber Co., Inc.
Home Lumber and Supply Co.

Stockton
Stockton Lumber Company
The Golden Belt Lumber Co.

Sublette
The T. M. Deal Lumber Company, Inc.

Syracuse
Everitt Lumber Company, Inc.

Tonganoxie
Tonganoxie Lumber Co.
Hunter Lumber Company

Topeka
Whelan Lumber Company
Main Store, 715 E. 4th
Pauline Branch at Pauline
Highland Crest Branch, 200 E. 29th
Seabrook Branch, 2019 Gage

Ulysses
The T. M. Deal Lumber Company, Inc.
Ulysses Lumber Co.

WaKeeney
Hardman Builders Supply Company

Wakefield
Sanborn Lumber Company

Wathena
Farmers Grain and Lumber Company

Wellington
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Alexander Lumber Company

Wilson
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Wilson Lumber Company

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Woodbine
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Zenda
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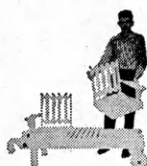
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Chest of Drawers



Lawn Set



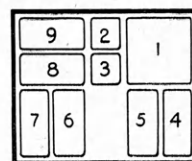
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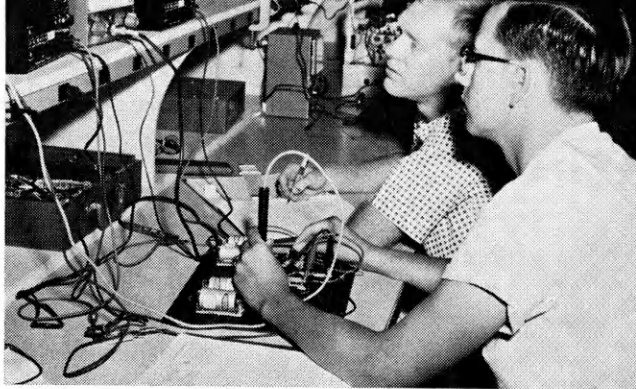
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Dog House	Wall Cabinet
Picnic Table	Sandbox
Sheep	Blue Bird House
Blocking Box	Picnic Bench
Bookcase	Mail and
Headboard	Memo Board
Collapsible Visual Aid Stand	

Career Opportunities Unlimited



Electronics Technology

By LeRoy Cornelsen

At no time since the dawn of civilization has the work force of America been faced with greater change. Technological and scientific advancements are changing many job requirements. Some occupations disappear while still others emerge. As you plan your future occupational career, you will need to take these changes into consideration. Your training, your preparation for a career will need to be examined more closely.

With occupations becoming more complex and technical as scientific developments occur, it

LeRoy Cornelsen is State Supervisor of Manpower Development and Training, Kansas State Board of Vocational Education.

He is a native of Meade County, where he was reared on a wheat and cattle ranch.

Mr. Cornelsen holds degrees from Wichita University and Kansas State College of Pittsburg.



will demand that preparations for your future career be more complex and thorough. With a high degree of specialization required for employment in the 20th century work force, not only is more education required, but specific skills and knowledge must be mastered to adequately prepared for work.

YOUR FIRST STEP

At this point you may wonder, how can I prepare myself for one of the new careers emerging in today's economy. It is most important that you understand yourself. Know your qualities, aptitudes, interests, and abilities. With this background information you should be able to select an occupational career goal you can become thoroughly interested in and begin to prepare intelligently for it.

LENGTH OF TRAINING

The length of training depends upon the occupation selected. Most vocational-technical training courses are two years in length while some may be completed in six or twelve months. Many occupations have entry levels of training required that enable a person to be employed as a beginner.

If you wish to delay your entry into an occupation to receive additional training beyond entry requirements, you will enhance your opportunities for more rapid advancement. Most of the technical occupations such as business data processing, computer programming, electronics, etc., require on the average at least two years of training beyond high school.

WHAT IS VOCATIONAL-TECHNICAL EDUCATION?

Vocational education's specific purpose is to fit persons for useful employment. Vocational education helps to give definite purpose and meaning to education by relating training to specific occupational goals. It is more inclusive than training for job skills. It also develops abilities, attitudes, work habits, and appreciations, which contribute to a satisfying and productive life.

Vocational education is really an integral part of the total education program, and never takes the place of general academic education, rather it supplements and enhances it for students who want training for a chosen occupation.

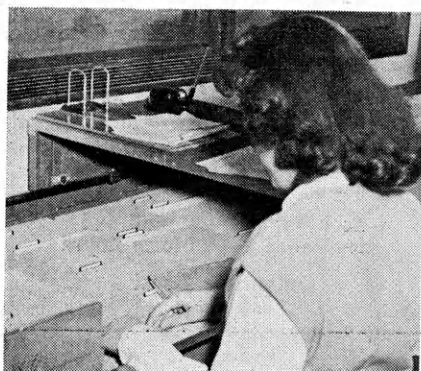
Vocational education is an important part of a well-balanced school program, not a single subject. It is part of a balanced curriculum aimed at developing competent workers who recognize their personal and civic responsibility.

EMPLOYMENT OPPORTUNITIES

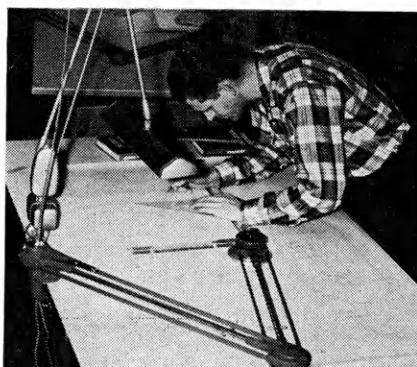
Industry, business, agriculture, and the American home, all require men and women with a high degree of skill, technical knowledge and adaptability.

The percentage of unskilled

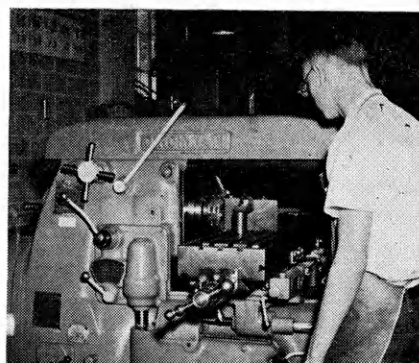
Business Education



Drafting Technology



Machine Technology



workers in our labor force is steadily decreasing while the percentage of skilled and technical workers is steadily increasing.

Technical advances will continue to increase the demand for highly skilled technical workers. Among the most rapidly growing fields of employment opportunities is marketing and distribution.

Today's advanced standards of living are a result of complex manufacturing and processing of goods. These highly technical products and complex items of equipment must be marketed, sold and serviced.

Distributive services call for an increasing emphasis of specific training, knowledge of marketing, and mastery of sales skills. The increased demand for better health care has resulted in employment opportunities for trained nursing personnel.

The licensed practical nurse is in particular demand. Vocational-technical education programs are constantly being adjusted to the demands of this scientific space age and to new social and economic conditions. The following list of schools offer vocational-technical curricula at post secondary levels:

Kansas State College at Pittsburg

- Airconditioning and refrigeration
- Auto body repair
- Auto mechanics
- Cabinet & furniture making
- Cosmotology**
- Drafting technology
- Electricity
- Machine shop
- Radio & television repair

Contact Mr. Leland Boone for additional information concerning the above.

- Electricity technology
- Electronics technology
- Machine technology

Contact Dr. William Spence for additional information concerning the above.

Topeka Trade School

- Photography
- Welding
- Machine shop
- Auto mechanics
- Electricity
- Radio & TV repair

Practical nursing*
Contact Mr. P. W. Chamness for additional information.

Coffeyville Jr. College

- Auto mechanics
- Industrial technology
- Electronics technology
- Machinist trades
- Drafting technology
- Cooperative distributive education#

Cooperative office education
Contact Mr. W. F. Currier for additional information.

Arkansas City Jr. College

- Cooperative distributive education#

Carpentry
Auto mechanics
Contact Mr. A. F. Buffo for additional information.

Hutchinson Jr. College

- Cooperative office education
- Technical drafting (emphasis on tool and die design)
- Technical electricity
- Technical electronics
- Technical metal work

Contact Mr. George Koon for additional information.

Kansas State

Teachers College, Emporia
Business data processing

(Continued on page 27)

**"You'll learn
a lot in
SERVICE to
people"** says

Ernest Unruh, Newton



"Every young person should have the opportunity to work in a service station," says Mr. Ernest A. Unruh, owner of Unruh's Service, Inc., 1808 and 1815 Main in Newton, Kansas.

"This work gives youth an opportunity to serve and to get acquainted with the public," he says, "and valuable opportunity to learn about automobiles."

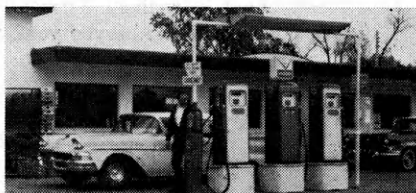
Mr. Unruh appreciates the lack of necessity for high pressure selling in the service station business, and the chance to meet all types of people.

Following a period of working for his father, Mr. Unruh bought the station his father had built in 1937. The purchase was completed in 1949.

The purchase of this first station marked the start of Mr. Unruh's association with the Vickers Petroleum Company.

Further expansion of his petroleum business was completed in 1956 with the addition of the present second station located across the street from the first.

Mr. Unruh also operates Mid-Kansas Propane, Inc., and handles Philgas propane with a service including three tank wagons. This service was added in 1950.



Kansas Petroleum Industries Committee

204-A Insurance Building, Wichita

PROGRAMMING YOUR EDUCATION

Alternatives - Resources - Goals

As young men and women approach high school graduation, they face a major decision. What next? What kind and how much education should the young man or lady pursue? How can he or she decide what is best; how can the parent provide the most effective help?

The title of this article suggests we "program" the boy or girl's education. The word, program, means that we plan carefully, that we consider goals desired, the resources available, and the alternatives that exist, and objectively choose that alternative which will most closely approach the established goals.

Use Your Resources

The term, programming, came into general use during the last ten or twelve years, in manufacturing industries, in formulating livestock feeds, in professional farm management, and in other fields. It employs, in these cases, mathematical procedures and permits us to approach mathematical precision in decision-making. Can we approach mathematical precision in making decisions on continued education? Can we clearly identify our goals? Can we consider candidly and objectively the mental, physical, and financial resources (plus motivation or ambition as a re-

source)? Can we identify the alternatives that exist, estimate the benefit or profit that could be derived from each and decide on that alternative which would **use the resources most efficiently and provide the maximum benefit** or profit to the young man or lady?

To program effectively, you must evaluate the resources most carefully.



Alliance Companies
McPherson, Kansas
FIRE — CASUALTY — LIFE
Serving Kansas Since 1888

How About The Newspaper Business?

If you are thinking about following a business or professional career, why not spend an hour visiting with your home town editor and learn about the possibilities in journalism?

The newspaper business offers an opportunity for a most interesting and rewarding life for the young man or woman who has a broad educational background, a liking for people, courage, and a desire to have an active part in the American way of life.

A good newspaper man has the satisfaction of knowing that he is helping others to a better life. He remembers that "The People Have The Right To Know" and, that there is no better way to have a well informed Democracy than through the printed word.

Before you make up your mind on your life's work, please think seriously about journalism. Thousands have found it a most enjoyable and rewarding career. Maybe you?

The Journal-World

Lawrence, Kansas

"The HOME Newspaper for 13,000 Families"



Dr. Duane Acker is Associate dean of Agriculture and Director of Resident Instruction, School of Agriculture at Kansas State University, Manhattan. He was reared on a livestock farm and was a 4-H Club member in Cass county, Iowa. Before coming to Kansas State in 1962, he was on the staff at Iowa State University, where in 1959 he was named Professor of the Year by the students in the College of Agriculture for outstanding instruction in the classroom. Dean Acker has been named a recipient of the Iowa 4-H Alumni Recognition Award. At Iowa State he served as a member and chairman of the department and college curriculum committees and as a member of the University curriculum committee.

What are your mental abilities, and how effectively are they used? Are you in good health? How much money do you have, or can you obtain at a reasonable cost (interest rate)?

Look Beyond Surface

Each alternative must be investigated. The spectrum of opportunities must be reviewed and evaluated. Guidance counselors, parents, high school teachers, and others help you. I would only urge that you look **deeply** into each field.

Most, for example, think of teaching

as a job for one who is sympathetic, has some "social worker" instincts, and could be a good disciplinarian. You should recognize though, that a good college teacher is more of a salesman, less of a social worker and disciplinarian, than is a high school teacher. If you are a good student, you should recognize college teaching as an alternative.

If you are good in English, there are demands for your talents aside from teaching English. You should recognize that a secretary must have perfect English. It is a tremendous asset to a journalist, a good salesman, or a teacher of other subjects.

I hope you would investigate the biological sciences deeply enough to understand that these sciences demand the talents of the best mathematicians. In professional agriculture, for example, we use top mathematicians in animal or plant genetics research, ration formulation, statistical work in Agricultural Economics and other fields, and in irrigation and drainage research.

Two Considerations

Other illustrations could be given. I am only urging that each person look **beyond** the well-known, but superficial, facts . . . engineers need to be good in math, foresters must like the out-of-doors, teachers need to like people, salesmen need to be good talkers, etc.

I am suggesting that the principle of programming be applied both to choosing the **kind of education**, and **speed or intensity** with which that education should be pursued.

Once you have chosen, in an objective manner, the kind of continued education you wish to pursue, how rapidly should you proceed? I know that most parents of college-bound students are wondering, "how will he get along?" "I sure hope he makes out OK the first semester."

A Program To Succeed

As a former academic adviser in a university, and now as one who deals with many students, I firmly believe that the first semester in college should be programmed carefully. The student and his adviser must consider most carefully the mental abilities, academic background, ambitions and motivations, speed of reading, time available for academic pursuits (whether or not the student needs to work for income) and, perhaps, other factors. A first semester student should be given the kind of a program that will **permit** him to succeed. We cannot guarantee success, but we can arrange programs consistent with student's abilities.

In summary, I am suggesting that you program your education. I hope that you will consider all resources—mental, physical, financial, time, motivation, ambition—, that you clearly identify your goals, that you investigate deeply each alternative, and that you consider the probable result of each alternative. Then, **choose that alternative** which will **use the resources** most efficiently to **approach your goals**.

This is a test for Pre-College Students

True or false? If the statement is true, circle the T. If false, circle the F.

- T F The number of people on farms become fewer each year.
- T F Greatest need of developing countries is for agricultural specialists.
- T F The need for agricultural college graduates increases each year.
- T F The number of employees needed by industries and companies that process farm products for consumers increases each year.
- T F As the number of people on farms decreases, the number needed by industries that serve farmers increases.
- T F A very small percentage of agricultural college graduates work on farms and ranches.

Underline jobs that study at College of Agriculture can prepare you and your friends to handle.

Agricultural Attache, Agricultural Commodities Broker, Agricultural Engineer, Agricultural Missionary, Agricultural Representative of a Bank, Breeding Technician, Chemical Salesman, Commodity Grader, Commodity Fieldman, Conservationist, Cooperative Manager, Crops Specialist in Foreign Country, County Agent, Elevator Manager, Farm Equipment Block Man, Farmer, Farm Machinery Dealer, Farm Manager, Farm Publications Editor, Feed Dealer, Feed Plant Manager, Fertilizer Dealer, Florist, Foreign Agriculturist, Forester, Fruit Grower, Garden Editor, Golf Course Superintendent, Greenhouse Grower, Inspector (Food or Feed), Laboratory Technician, Landscape Architect, Livestock Commission Man, Livestock Breed Association Representative, Livestock Specialist in Foreign Country, Machinery Salesman, Manager of Commercial Feed Yard, Manager of Flour Mill, Manager of Plant Making Ice Cream and Other Dairy Products, Member of Team Developing Foods for Use in Space Flights, Nurseryman, Pharmaceutical Detail Man, Park Manager, Peace Corps, Radio or TV Farm Director, Rancher, Seed Grower, Seed Merchandiser, Scientist's Assistant, Soil Conservationist, Soil Specialist in Foreign Country, Vegetable Grower, Vocational Ag Instructor, Wildlife Manager.

Answers:

All statements true & all occupations should be underlined.

**For more information about these jobs write
Kansas State University, Manhattan, Kansas.**

Kansas Farm Bureau
105 County Farm Bureaus
Working Together

He Chose

A CAREER IN FARMING

4-H Gives Big Boost



4-H Club experience can make a big showing in your future if you are as determined in your career plans as is Bruce Ramage, Rice county.

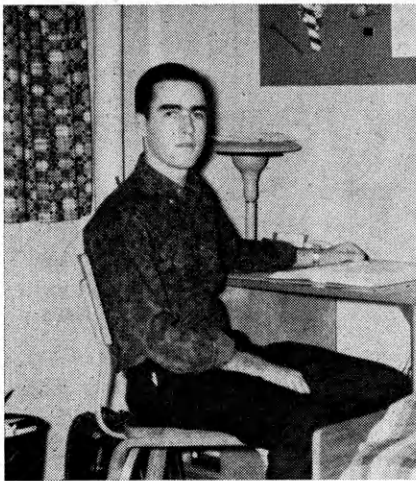
Bruce, 19, is the oldest son of Mrs. Edith Ramage, Little River. He has a brother, Phillip, 17, and a sister, Donna, 13 years old.

In speaking of his plans in his chosen career Bruce says, "I hope to be a good business man in the true sense of the word."

Bruce says to succeed in something a person should, "have a positive attitude and back that attitude with much determination."

Bruce has completed ten years in 4-H Club work as a member

"Personal Development



project work
has been good
preparation for
college"

Says John Prim,
Douglas County

"My Personal Development Project work has helped me to feel more at ease at dinners and other college functions," John adds.

John has been a 4-H Club member of the Worden Workers 4-H Club for nine years. He is a freshman in mechanical engineering at the University of Kansas this year.

In his work, John has emphasized the manners and expression phases of the project. His work in these areas of self improvement has been on an individual basis. He mentions help from his sister.

He has read pamphlets and books in the area of manners

and has given speeches before his 4-H Club, school groups, and county 4-H Days to work in the expression area.

He has also given presentations to other 4-H members in his club and the county to spread interest in the Personal Development Project.



John, left, is checking some work with his roommate. College dormitory life provides an opportunity to gain in many aspects of personal development.



Bruce, right, and Phil get plenty of practice in record keeping with a registered cow herd and a farm enterprise.

of the Pleasant View 4-H Club, a club his father organized and served as a charter member.

His father passed away in 1955 and since that time Bruce has known he would make farming his career, and began in earnest at that time to work toward this goal.

His main 4-H project work has been in beef cattle. He conducts his project work with determination in a business-like manner.

His main beef interests are with the herd of registered An-

SOUTHWESTERN BELL



TELEPHONE COMPANY

gus cows he has been expanding since his first beef project.

4-H Has Been Important

4-H is a family affair with the Ramages. They have been active in all phases of the county program and attend many of the state activities.

Bruce has shown 23 steers as 4-H Club projects. He has also handled the breeding phases, although he has not shown them to avoid competition with Phil who regularly shows in the breeding beef classes.

Five years ago Bruce and Phil started in the deferred steer project. The first year they had three steers apiece. This project has been built up to nine steers apiece for a total of 18 head in this program.

In 1962 Bruce was named county champion in the Beef and Landscape Design projects. He has won these honors in previous years.

Other 4-H projects Bruce has taken include Crops, Wheat, Swine, and Junior Leadership.

College and Career Plans

Bruce is a sophomore in business at the College of Emporia. The benefits he hopes to receive from his college education include, "A sound foundation to build a family and business on."

He is serving his college class as president and is using his experience gained in conducting 4-H Club meetings. "Conducting business meetings is much easier after going in 4-H," Bruce says.

Bruce is financing his college education with income from his 4-H projects, a college grant in aid and earnings from working for neighbors during the summer.

He is one of the five members of the College of Emporia Hospitality Committee which assists visitors on campus. He plays alternate first team guard on the football team and is a member of the Business Fraternity.

Bruce and Phil plan to manage their farming enterprise and their college education so both of them can graduate. One will have to be at home at all times and can take course work that will transfer to remain active in college work.

Phil, who is a senior in high

(Continued to page 25)



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THIS



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El Dorado

Mid-Continent Federal Savings and Loan Assn. of El Dorado

Fort Scott

Liberty Savings and Loan Assn.

Garnett

The Garnett Savings and Loan Association

Great Bend

The Prudential Building and Loan Assn.

Hays

The Hays Building and Loan Assn.

Hutchinson

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Larned

The Larned Savings and Loan Assn.

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Ottawa Savings and Loan Assn.

Parsons

First Federal Savings and Loan Assn. of Parsons

Plainville

Rooks County Savings Assn. of Plainville

Pratt

The Western Savings Assn.

Salina

The Homestead Building and Loan Assn.

Topeka

Capitol Federal Savings and Loan Assn. at 6th and Kansas, and 12th and Topeka Blvd.

Wichita

The Commercial Savings and Loan Assn. at 4601 E. Douglas Avenue and 147 North Market Street



Here's What Former 4-H'ers Say About College

These students are former 4-H Club members. Their home counties are given with their picture and the school they represent.

Each of them was asked to answer questions to give information that would be of value to high school students looking forward to college in the future.

Their answers have been summarized on these pages.

These statements will answer many of the questions asked by prospective students.

Baker University

Bethany College



Duane Chaney
Freshman—
Physical Education
Douglas County



Shirley Dahlsten
Pre-Nursing
McPherson County

Questions

What high school subjects are most helpful to you in your college work?

English and history courses.

English and Language.

What difference(s) do you notice between high school and college?

The greatest difference is that the competition is much greater in your classes. You also must learn to use your time wisely.

Differences I have noticed are the college attitude and the studies. There is a more mature atmosphere. The studies are much harder, also, living in a dorm is a wonderful experience.

What advice would you give to high school students planning to attend your college?

Learn to express yourself well in writing and learn how to study by using self-discipline.

Be prepared to study.

What benefits do you hope to receive from your college education?

I hope to be a well enough educated person to handle the problems of making a living, of getting along socially and all other phases of life.

I hope to become a more mature and useful citizen. In attending college, I hope to prepare myself for an interesting and useful career.

How did you decide where to go to college and why did you decide on this school?

I first chose Baker University when I attended "Baker Day." It is not too far from home and my parents thought it was a good school.

I live ten miles from Bethany College and I have always been interested in it. The affiliation with Trinity Lutheran Hospital in Kansas City, Mo. is important to me.

Salint Benedict's College

St. Mary of the Plains College

Sacred Heart College

Southwestern College

Sterling College



Michael Easterday
Senior—Business Admin.
Saline County



Gerald Barnes
Senior-Biology
Ness County



Betty Burdick
Elem. Edu. & So. Science
Nemaha County



Nancy Lou Davey
(Fr.—Home Economics)
Sedgwick County



Alice Pollock
Freshman—Speech Major
Wabaunsee County

English and math.

Probably science, biology and English are the subjects that I took in high school are the most helpful to me.

The English and mathematics courses I had in high school have benefited me thus far.

I gained a wider knowledge of literature in senior English and I really learned to take good notes in psychology and economics.

I feel all my high school subjects are helpful, but English and typing have benefited me more than any other subjects.

More independence, more critical thinking in general. Have to stand more on your own two feet.

Classes here at college are much larger. In my high school the students were closer, while here at college there are the higher, lower, the middle or average student.

Long hours of study and preparation are required for satisfactory college work, and the student is responsible, no one is in charge to see that he does it.

Of course all our decisions are our own, but I think the biggest difference is we must now budget our time wisely.

High school and college are different in the amount of time to prepare for class, depth of study in a subject, social life, and time and money management.

Stick mainly to the college preparatory courses and study hard. Do a lot of independent reading.

The student who plans to attend school here at St. Marys should want to do his best, and to do this he must have good study habits.

If you are planning to attend college, obtain all you can from your present courses and work on good study habits.

Don't be afraid of people. At Southwestern everyone is very friendly on campus. Be sure and take advantage of all high school opportunities.

To acquire all the knowledge and experience from high school classes and activities. Don't study a lesson for the sake of a grade, but for the purpose of learning.

Preparation for a professional career in learning to reason, think and judge correctly.

By being a teacher one has the greatest opportunity to help young people, and that is what I hope to accomplish by being a teacher and a coach.

My goal in life is to help those who haven't been as fortunate as myself. My college education will give me an awareness of conditions surrounding me, the leadership qualities expected of me.

Not only gaining knowledge, but getting along with others is essential in our society. I hope to be dependent on myself by the knowledge I have gained.

I hope to receive a degree to teach, as well as further education and knowledge in many different fields of learning.

I wanted a liberal arts education. St. Benedict's seemed to be the best for the benefits I wanted to receive, because of it's philosophy of education and high standards.

My folks and I talked about different colleges. Some were expensive, others inadequate in course offerings. I chose St. Mary's after a visit. It is the first Catholic school I have attended.

In order to become a better, fuller person intellectually, socially, and spiritually, I chose this liberal arts college.

Because at a small Christian College such as Southwestern, you receive individual help and encouragement.

Sterling College is a small Christian Church related college where I felt the teachers could give more personal help. The adjustment from a high school was easier.



Charles Graber
Freshman—Pre. Med.
Harvey County



Bruce Ramage
Sophomore—Business
Rice County



Sharon Hart
Soph.—Home Economics
Jewell & Cloud Counties



Sue Ann Czapski
Soph.—Bus. Education
Cloud County



Lowell Yoder
(Fr.—Agriculture)
McPherson County

I have found the fundamental courses such as English and social science more helpful in the first quarter of my college experience.

I found the English and literature courses that I had taken in high school were very beneficial to me. The math courses were a great help also.

English I and IV. History courses, American and World History, Algebra I and II.

The high school subjects that I find most helpful in my college work are English, mathematics, biology and typing.

English, math and typing.

The amount of time spent studying is definitely increased in college and the attitude with which one approaches his studies is also different.

I find myself much more independent in all phases of college life than I ever was at home and in high school. More responsibility was placed on me as a student.

A language course, Science, Chemistry and possibly Physics.

College students have more responsibility than high school students. They are "on their own" in planning study time and getting homework done. College has more extra-curricular activities and chances to meet people.

There is much more free time involved in college. It takes a mature and responsible person to use this time to his best advantage.

I would suggest that a person has taken a senior English course and know beforehand how to study if they plan on attending Bethel College.

Develop a liking for reading. Try to establish a good set of study habits before going on to college. Enter college with a positive attitude and back that attitude with determination.

College is much more demanding. Studying takes many hours. You meet many very intelligent people and the intellectual atmosphere is quite stimulating. Money is a problem.

Learn to study and to budget your time well. Students who do not apply themselves have a more difficult time. Take courses in speech, the ability to express ones self is important.

Find out from a college student what to expect in college. I believe the most important thing is to form good study habits.

There are many things to be gained from college. Personally, I hope to acquire a larger, more variable outlook on life and the world in general. Bethel was the alma mater of both my parents and therefore,

A sound foundation to build a family and business on. I hope to be a good businessman, and a better citizen. Most of all I want to make a success of my adult life.

I want a general education. I hope to spend a few years teaching. I am very interested in Home Economics and know I will be happy whether I am a teacher or housewife.

Financial security ranks first in benefits. Too, I hope to be a more conscientious citizen, a better Christian, and an asset to my community as a result of a college education.

I am confident that a college education will mean the difference between success and failure, not only in business, but in social life.

I had always planned on attending. The idea was not very well accepted at first. Now since I'm here awhile, I really like it.

The College of Emporia has given me some much needed financial help. The business department here has a great deal to offer. I also found a friendly personal atmosphere here.

I decided on Kansas Wesleyan, because it is a small college, not far from home and is Methodist related. It is a liberal arts college with a very high academic rating. Salina is fairly large; yet not too large.

After I decided what field to enter, I chose the college I thought would help me reach my goals in that vocation. Marymount has an outstanding teacher education program and student-teacher arrangement in one's chosen field.

I wanted a college that offered good courses in agriculture. I chose McPherson College for this, to be closer to home and because my parents went to McPherson.

Washburn University



Betsy Conrad
Junior—Elem. Education
Shawnee County

Fort Hays
Kansas State College

Dennis D. Schulze
Agriculture—Range Man.
Norton County

Kansas State College
of Pittsburg

Willis J. Heydenberk
Jun.—Journalism Major—
Art Minor
Barton County Missouri

Kansas State University



Karen Carey
Soph.—Home Economics
Sedgwick County

University of Kansas



Robert L. Magnuson
Freshman—Pre. Med.
Saline County

They were all helpful, but probably foreign language and English were the most beneficial in preparing me for college.

English, vocational agriculture and biology.

Certainly my high school English courses have helped me the most, going into my major field of journalism where good grammar and proper word usage are a must.

English courses. I think math courses are helpful in learning to take class notes.

Senior English, chemistry and Latin.

In college you are an adult and you are expected to act like one. Teachers will not cater to you. Classes are also harder, go much faster and cover more.

The main difference I have noticed is that you are on your own and nobody forces you to study or to do good work. You make of yourself what you want.

The big thing was size. I came from a high school of only 300 to a college campus of 3,000. With larger classes and more people I was awed.

At a university, in an organized living group there is a curious balance of freedom and restriction. There are a minimum of restrictions to protect students and preserve order and freedom to give a definite sense of responsibility.

More self discipline is needed to do more work than was required in high school. With about 18 hours a week in classes, your free time better be spent in study.

Outside activities are important, but don't get so involved in them that you let your studies go. Start out studying hard, if you don't you'll regret it later.

To have a good background in English, algebra and chemistry, and most of all, to want to go to college.

I would advise college freshmen to evaluate their study program. Planning a study schedule and then carrying it out is the hardest thing in college life.

Establish good study habits in high school. Learn to take notes and study for tests. Problems are not lack of interest by faculty, but students not knowing what to study or how to study.

Work in high school, take college preparatory courses, such as in English and learn to study now, because everything you pass over will catch up with you here.

I hope to receive my degree in elementary education. To teach is my main goal. Also, I hope to gain more insight and understanding of myself and my beliefs and of people around me.

To hope to find a good job I like and that will support me family. Also, I hope to be a better person more able and qualified to do a better job.

The experience of classroom and laboratory instruction will become invaluable to me if I can make writing my career. With a spot on our college paper I have found excellent opportunities to develop.

My foremost goal is to learn to think. To be more specific, I want to increase my power to think creatively and to understand the behavior and reasoning of other individuals.

A broader outlook on life and the highly skilled profession of medicine.

My father attended Washburn and wanted me to also. My grandmother lives in town and I am living with her. Washburn also has a good education program.

Fort Hays is a good small school with a good faculty in agriculture and botany.

A good friend invited me over to Pittsburg to visit the campus. I was impressed with the friendly attitude on the campus and also with student academic standards present.

In choosing a college, I considered location, cost, facilities in my chosen field of study, faculty, the prestige factor of getting a degree from a state supported university and "personal preference."

After talking with several people, teachers, college students, doctors and others and reading literature, I decided that KU was the place to get the best training and preparation for KU medical school.

WHICH COLLEGE Is Right FOR YOU?



By Dr. C. E. Lovejoy

- **When should I start looking around for the right college?** By the 10th grade—even the ninth, if you have definite career plans by then. Don't wait until your senior year in high school, or it may be too late.
- **If I haven't decided on a specific career, how can I choose the best college?** There is no "best" college, al-

though some may be better than others for your particular needs. The attitude you have toward education and the intensity of your intellectual curiosity are more important considerations than the specific choice of a college for your general education.

- **In other words, all colleges are the same?** Absolutely not. No two are alike. But choosing a college is like

picking out a girl—or boy-friend—what appeals to one person may not appeal to another, although that doesn't necessarily make one better than another. There are enormous differences in faculties, physical facilities, and the kind of courses offered. The only rule I will offer is that if you plan to take graduate work in law, dentistry, medicine, or engineering, you must attend

This article is a reprint from the American Youth Magazine. Dr. Lovejoy is an educational consultant, who has been described as "America's foremost authority on colleges."

CAN YOU BE A SOCIAL WORKER?

Rate Yourself Here

- ☐ Are you interested in people?
- ☐ Are you sympathetic to people in trouble?
- ☐ Are you interested in medical or health problems?
- ☐ Do the social sciences interest you?
- ☐ Are you a better-than-average student?
- ☐ Are you willing to take graduate training after college?



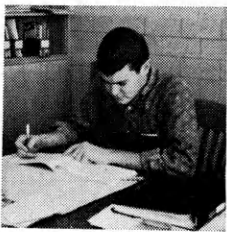
If you can answer "yes" to these questions, social work may be a career for you.

SUMMER WORK EXPERIENCE PROGRAM

Kansas has a paid summer work experience program for potential social workers.

This is an opportunity for college students to test their interest in social work through firsthand work experience.

This program acquaints students with the social services in the community and those provided by the county welfare agency.



College sociology teachers work with the state agency in referring students to work in this program.

The local agency supervisor and the staff development director share in planning the content of the summer training.

Both the student and the supervisor evaluate the program.

This program will offer you a direct and meaningful interpretation of social work.

For more information on this program write: Director of Staff Development, State Department of Social Welfare, Topeka, Kansas.

one of the 1,058 accredited, degree-granting four-year colleges. Whichever one you choose may not make a big difference—and let's face it, the selection may be up to the college, rather than you. All other things being equal, you can do your best work where you are happiest.

- **Does it matter whether I go to a big-name college or a small, no-name college?** Size is not important. Theoretically, small schools are more intimate for students and faculty, while big universities have better-equipped labs and research facilities. In practice, there are too many exceptions for this to be a rule. You can go to a college where there are more than 20,000 students and never see more than a few at a time. As for faculty qualifications in a small school, most professors there could probably qualify for a big campus if they wanted to.

- **Is a vocational college better than a liberal arts college?** There's no longer much difference between these two types of institutions. Today you can major in any field, from accounting to zoology, in a liberal arts college. Conversely, vocational colleges offer music, art, and literature.

- **What about co-education?** A recent poll indicated that 92 per cent of all college students prefer co-educational institutions. The trend is definitely in that direction.

- **Should I stay near home or go out of town?** I'm an advocate of the one-world concept applied to college life. Expense is a big factor here, but I'm in favor of all easterners going to school in the West, and sons and daughters of midwesterners spending four years in the East.

- **How much should my friends' opinions influence my choice?** The college your friend chooses may be perfect for him and absolutely wrong for you. Make up your own mind. After all, you're investing four irreplaceable years and \$7,000 to \$10,000. It's your life, not your friend's.

- **Do my parents know best when it comes to choosing a college?** They should be involved in the decision. You will probably find that their mature judgment and business experience will bring up factors you hadn't thought about. Your parents should be reminded, however, that the college scene may have changed since they were in

(Continued on page 21)

Career Foundations

By Adel F. Throckmorton

To what extent do grades earned in school indicate a successful career after graduation? Why do some students who receive poor grades in school later become leaders in the business or professional world while others who consistently make the honor roll fail to succeed in their chosen careers?

Achievement in school usually parallels career success but there are so many exceptions that these questions deserve consideration. Some of the answers may be found in attitudes toward work, in failure to understand how education contributes to success, or in the meaning and significance of success.

Let us examine some of the elements that have a bearing on success and failure. From the time the child enters the first grade until he completes his formal schooling, success is marked in terms of grades given by the teacher. Teachers' marks are supposed to indicate the quality and amount of pupil achievement but it is possible they do something else to those who receive them.

If teachers' marks are given on a scale of 100, any grade above 95 is almost universally considered to represent high achievement. However, the graduate entering upon a career is often shocked to learn that the business and professional worlds use a different scale of values in measuring achievement. The business man will not retain a stenographer whose typing is 95 per cent correct, neither is the banker interested in a 95 per cent bookkeeper. The patient is not willing to trust a surgeon whose work is known to rate only 95 although this mark represents a success in school. Wrong attitudes toward partial achievement may be developed as the result of relying on so-called good grades which do not purport to represent perfection. Also, unfamiliarity with the standards used in evaluating achievement outside school may explain why some who received good marks in school fail to succeed after graduation.

Developing Salable Skills

A second factor that has a bearing on career success is recognition of the relationship of a

Adel F. Throckmorton, State Superintendent of Public Instruction, has a broad background of experience in rural education. He attended one-room schools, taught in them, and as a county superintendent had about eighty of them under his direct supervision. He also published a newspaper several years in a rural community. In this work he had many close associations with 4-H Club leaders and programs.

Mr. Throckmorton graduated from Mulvane High School and holds degrees from Southwestern College and the University of Kansas.



background of general education to acquiring salable knowledge and skills. The very best foundation for a successful career is found in a liberal arts college course. With this foundation one can best learn the specialized knowledge and skills which are necessary for a successful and satisfying career.

The specialized knowledge and skills may be in the fields of stenography, mechanics, farming, teaching, medicine, law, or one of hundreds of other occupations. Regardless of the field chosen for a career, success in laying the foundation must be followed by building the superstructure.

In this regard, active 4-H Club members have special advantages because they are developing salable knowledge and skills at the same time they carry on their academic work in school.

Hard Work Basic to Success

Another pitfall that lies in the way of career success is the temptation to accept the popular notion that hard work no longer is necessary and that it is clever to seek the easy way. Commercial interests encourage this attitude and contribute to the search for ease in numerous and profitable ways.

Newspapers and magazines carry such advertisements as: "Learn Shorthand in Six Weeks"; "Speak a Foreign Language after Twelve Easy Lessons"; and "Play the Piano in Thirty Days." One organ manufacturer recently announced that you can learn to play his instrument the day you buy it. Stenographers and accomplished musicians know that such claims are false.

Serious books and magazines are difficult and time consuming so are read in digest form. Radio and television sets are equipped with remote controls. One of the latest labor saving devices is the electric tooth brush. Of course these labor saving gadgets are highly desirable except as they create improper attitudes toward work. Edison would not have become a famous inventor had he limited himself to the thirty hour week. Great musicians and other artists work continuously to perfect their skills.

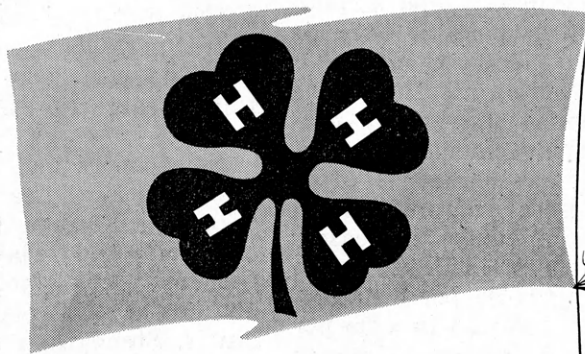
Related to the love of ease is the very human tendency to provide an alibi or excuse for failures. How often is the basketball team angry with the referee because a game has been lost rather than charge themselves with lack of training and team work. Then there is the student who accounts for a poor report card by blaming the teacher instead of recognizing the need for more study and concentration of effort.

What we have been trying to say is that preparation for a successful career includes a broad background of general education and the development of salable skills and specialized knowledge; recognition that fractional achievement representing less than perfection is not enough; and assumption of responsibility for failures along the way rather than resort to the alibi.

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DEMOCRACY IN ACTION



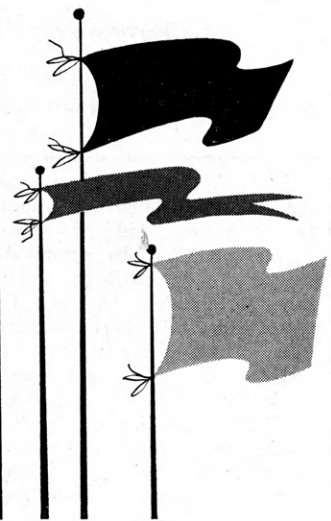
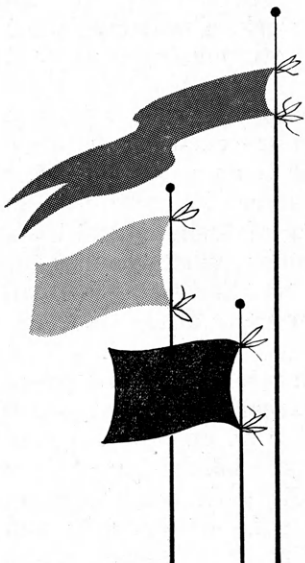
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- Producing food and fiber for home and market!
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- Building health for a stronger America!
- Sharing responsibilities for community improvement!
- Serving as citizens in maintaining world peace!

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Kansas Four-Year College and University Directory

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Cooperative programs with Duke
University, Bethany Hospital, Wesley
Hospital, KU Medical Center, Stan-
ford, KU and KSU make possible
degrees in forestry, nursing, medical
technology and engineering.

Enrollment: 678

Full-Time Teaching Faculty: 55

Tuition: \$600 per nine-month year
Board and Room: \$620 per nine-month
year

Scholarship, Grants-in-Aid and Loan
Funds: 189 grants-in-aid and schol-

arships awarded on the basis of
need and scholastic ability.

Work Opportunities: A rather elabor-
ate work program used by many
students to help with tuition pay-
ments.

Curriculum:

English, Journalism and Speech,
Foreign Languages, Philosophy and
Religion, Economics and Business
Administration, Education, History
and Political Science, Home Eco-
nomics, Psychology, Sociology, Biol-
ogy, Chemistry and Geology, Health,
Physical Education and Recreation,
Mathematics, Physics, Art, Music.

For Further Information, Write—
Director of Admission,
Baker University, Baldwin

Farmers Union Elevator Co.

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Branches at
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BETHANY COLLEGE

Lindsborg, Kansas

Bethany College is a coeducational
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supported by the Lutheran Church in
America. Bethany is accredited by the
NCA, the Nat'l. Ass'n. of Schools of
Music, the National Council for Ac-
creditation of Teacher Education,
Council on Medical Education and
Hospitals, and State Board of Educa-
tion.

Bethany cooperates in an engineer-
ing degree program with KSU, KU,
and Wichita U. and in a medical
technology or nursing degree program
with Trinity Lutheran Hospital, Kan-
sas City.

Teaching is the primary interest at
Bethany. Both lower and upper divi-
sion classes are taught by regular col-
lege faculty. Bethany has a new sci-
ence, physical education, men's dorm
buildings, and new women's dorm.

Bethany is the home of Messiah
Chorus. It is proud of its academic
programs in music, art, liberal arts
and sciences, and teacher education.

Enrollment: 580
Full-Time Teaching Faculty: 41
Tuition and Fees: \$350 per semester
including tuition, student activities,
athletic events, concerts, plays, lab
fees, etc.

Room and Board: \$290 per semester

Scholarship and Loan Funds: 115
scholarships averaging \$250, 59 loans
averaging \$460.

Degrees: Bethany offers a curriculum
leading to following—B.A., B.S.
B. of Music and B. of Fine Arts.

Majors are offered in the following
areas: Art, Biology, Business-Eco-
nomics, Chemistry, Elementary Edu-
cation, English, French, German,
History, Mathematics, Music, Phil-
osophy and Religion, Physical Edu-
cation, Physics, Sociology, Spanish.

For Further Information, Write—
Director of Admissions
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113 E. Lincoln

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King Oscar Coffee

Wayne's Market
129 N. Main



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Bethel College is a Christian liberal arts college founded in 1887 by Mennonite pioneers. The college is fully accredited by the North Central Ass'n. of Colleges and Secondary Schools, the American Ass'n. of Colleges for Teacher Education and by N.C.A.T.E.

A new modern women's and a new men's residence hall with an additional wing to both dormitories have been completed this fall. There is

also a well equipped science hall on the campus.

In the Knapp and Breenbaum study of 1953, Bethel ranked 32nd among 562 accredited U.S. Colleges and universities in the production of scholars (those receiving graduate fellowships, scholarships or PhD degrees). Bethel emphasizes general education in the basic intellectual disciplines of the arts and sciences, but with a definitely Christian emphasis.

Enrollment: 465.

Tuition and Fees: \$210 per quarter including student publications, athletic event, plays, library privileges, health fee, aptitude tests, tuition and fees.*

Board and Room: \$190 per quarter.

Scholarship and Loan Funds: 45 scholarships averaging \$200 and 80 loans averaging \$600 are granted annually.

Work Opportunities: There are opportunities for 150 students to be employed on the campus and at least 100 in town.

Curriculum:

B.S. and B.A. degrees are offered. Professional preparation is available in teaching, industrial arts, business, and, in cooperation with the Bethel Deaconess Hospital, nursing and medical technology.

Pre-professional training is provided for the ministry, medicine, dentis-

try, pharmacy, engineering, law, journalism, social work, and accounting.

For Further Information, Write—

**Admissions Counselor
Bethel College
North Newton**

* Subject to change for 1962-63

These Firms and Individuals are Proud to
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Elmer P. Zehr, Insurance
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**First Federal Savings &
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Route 4

**Mennonite Publication Office
& Bookstore**
720 Main

Midland Mutual Fire Insurance Co.
119 W. 6th

Newton Skating Palace
130 E. 3rd

Randy's Steaks, Inc.
115 S. Kansas

Wilson Drug Store
525 No. Main

THE BETHEL CLINIC

Newton, Kansas

WHICH COLLEGE

(Continued from Page 16)

school. Discuss the matter with them and agree on a solution.

• **To what extent can my school guidance counselor help?** If you have a counselor, ask his opinion. However, most counselors are overburdened with work and it is difficult for them to give individual attention to your problem. The best person to rely on for college research is yourself, in the school or public library, or at home with a stack of college guides and bulletins.

• **After I've made a preliminary selection of colleges, how many should I write to?** At least 20 to 25.

• **How many should I apply to?** About six. Be sure to apply by October 1st when you're in the 12th grade.

• **Is it a lost cause if I get rejected by all six?** Not at all. Much depends upon how judiciously you have made your selections. Included in your list should be a few lesser known colleges where demand for enrollment is not overwhelming. A typical college receives

seven applicants for every acceptance, but this ratio varies from two to one to 20 to one. Don't be discouraged if you're rejected the first time around; keep sending away for more applications.

• **How can I tell which colleges are under-enrolled?** By keeping up with magazine articles and books, by talking with your guidance counselor and your church leader. For more information, write to a professional service, such as the Association of College Admission Counselors (College Admissions Center, 1611 Chicago Avenue, Evanston, Illinois), or to the College Admission Assistance Center (535 East 80th Street, New York, New York), or to me (Dr. C. E. Lovejoy, Educational Consultant, 1475 Broadway, New York 36, New York).

• **If I'm accepted by more than one college, how can I choose the one that suits me best?** First of all, count your blessings. If the choice is between two or more institutions that are equal academically, then the choice is a matter of personal preference. Just remember

that you're not enrolling in a country club, although there are considerations outside the classroom that may affect your decision. For example you may prefer a college that has R.O.T.C. or intercollegiate sports (some have neither). Climate may be a factor, or the size of the college town, or outside job opportunities. You may like to ski or swim 12 months a year. You may find better living accommodations in one, or a special fraternity or sorority in another. You may prefer to be closer to or farther from home, or perhaps you'd rather be in California, or New Hampshire, or Alaska. These intangibles should be considered after you've established the institution's academic standing.

• **Is there any way to pre-test or compare colleges firsthand before actually committing myself to enrollment?** The best way to get a real feeling for an institution is to visit it in person. You can read college bulletins from cover to cover, but there's no substitute for a walk around the campus and informal talks with students.

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at

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COLLEGE OF EMPORIA

The College of Emporia was chartered in 1882 by the Presbyterian Synod of Kansas. It is accredited by the North Central Ass'n. of Colleges and Secondary Schools, the American Ass'n. of University Women, and the Kansas State Board of Public Instruction.

Mabee Hall of Science, completed five years ago, has the latest of equipment for all phases of scientific endeavor. The College of Emporia also is noted for its strong music department and sound Liberal Arts education.

The College of Emporia has a nationally-famous football "cemetery" where all vanquished football opponents are buried, complete with funeral oration and headstone properly inscribed with the score of the game and the date of the victory.

Enrollment: 644

Full-Time Teaching Faculty: 50

Tuition and Fees: \$335 per semester including tuition, yearbook, health service, activities, student paper, etc.

Room and Board: \$375 per semester.
Scholarship and Loan Funds: 30 scholarships averaging \$300 are awarded annually. An average of 30 loans averaging \$400 are granted annually.

Work Opportunities: There are more than 50 on and off campus jobs available for students.

Curriculum:

B.A. and B.S. degrees are offered with the following majors—English, modern language and literature, religion and philosophy, music and art, biology and geology, chemistry, mathematics, physics, history, political science, psychology, sociology, business education, education, homemaking, nursing education, and physical education.

For Further Information, Write—
Director of Admissions,
College of Emporia, Emporia

These Firms and Individuals are Proud to
Recommend College of Emporia for Kansas Boys and Girls

Anderson Cattle Co., Inc.
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Meadow Gold Products

Broadview Hotel
Phone DI 2-6220 for Reservations

Cannon's Tire & Battery Service
815 Commercial

Emporia State Bank and Auto Bank
601 Commercial and 8th & Merchant

Giger Sales Co.
Route 5

Kansas Soya Products Company
East Fifth Avenue

Union News Company
Savarin Restaurants
Kansas Turnpike

Kansas Wesleyan University

Salina

Kansas Wesleyan University celebrated its 75th anniversary last year. It was founded by the Methodist Episcopal Church. It is a liberal arts college offering courses leading to an A. B. degree. It is fully accredited by the North Central Ass'n. of Colleges and Secondary

Schools, the Nat'l. Ass'n. of Church-Related Colleges and the Nat'l. Ass'n. of Methodist Colleges.

Kansas Wesleyan is located in Salina, a city of 43,000. Emphasis is placed on top quality instruction and small classes. A new dormitory for 150 men was op-

ened in September. A new dorm for 100 girls will be open in 1963. Other buildings new within ten years are a library, fine arts building, married student housing, and a student center on the ground floor of the Hall of the Pioneers.

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Wholesale Grain Merchants
SALINA, KANSAS

Enrollment: 572

Full-Time Teaching Faculty: 36

Tuition and Fees: \$1300 for nine-month year including tuition, room, board, private music lessons, insurance, concerts, lecture series and student activities.

Scholarship Funds: Approximately 138 scholarships totaling \$22,000 available annually. Awarded strictly on the basis of need.

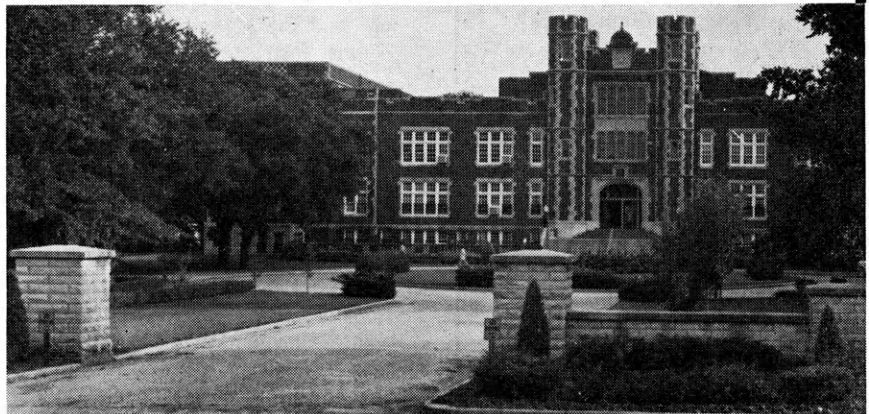
Work Opportunities: Approximately 75% of the students work, either on campus or in Salina to earn $\frac{1}{4}$ or more of their expenses.

Curriculum: Liberal arts program leading to B.A.

Art	Business Administration
Biology	Education
Chemistry	English
Economics	History
Physical Education	Home Economics
Political Science	Languages
Psychology	Mathematics
Physics	Music
Religion and Philosophy	Sociology
Religious Education	Speech and Dramatics

For Further Information, Write—

Director of Admissions, Kansas Wesleyan University, Salina



These Firms and Individuals are Proud to Recommend
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Barragree's United Rent-Alls
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109 N. Santa Fe

Marymount College, Salina



"MISS MARYMOUNT"

is Judy Schmidt, Hays. She's the girl who, in the opinion of her fellow students, best represents the aims of Marymount and the ideals of womanhood.

Marymount is a Catholic liberal arts college for women operated by the Sisters of St. Joseph, Concordia. Founded in 1922, Marymount facilities include a new residence hall and a new fine arts building. It is fully accredited by the North Central Ass'n. of Colleges and Secondary Schools, Nat'l. Council for the Accreditation of Teacher Education, and

the University of Kansas.

Marymount students participate in radio and television programs in music, art, drama, science, languages and religion. Distinctive educational programs include research in history and in biological sciences, particularly in cancer. The College sponsors a youth symphony for high school students in the region.

Enrollment: 420.

Full-Time Teaching Faculty: 53.

Tuition and Fees: \$300 per semester including all course fees; activity, health and library fees; NFCCS, gown rental; Artist Series; and student publications.

Board and Room Costs: \$350 per semester.

Scholarship and Loan Funds: 60 scholarships varying from \$200 and some 55 loans averaging \$740 are granted annually.

Work Opportunities: Approximately 85 students are annually employed on campus. About 20% of the students earn $\frac{1}{4}$ or more of their expenses.

Curriculum:

B.A., B.S., B. of Music and B. of Music Education are offered.

Mathematics	Economics and Business Administration
Sociology	Philosophy
English	Psychology
Music	Ancient Languages
Home Economics	Modern Languages
Physical Education	Education
History	Nursing
Art	Chemistry
Speech and Drama	Biology

For Further Information, Write—

Director of Admissions
Marymount College
Salina, Kansas

These Firms and Individuals are Proud to Recommend
Marymount College and Kansas Wesleyan University to Kansas Boys and Girls

Memorial Art Company
1608 S. 9th

Salina Implement Co.
601 S. Broadway

The Salina Mercantile Co.
104-106 N. Santa Fe

Salina Rentals
251 North 13th

Salina Tractor Co., Inc.
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The Salina Supply Co.
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Stevenson Clothing Company
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Spaeth's Office Service
Underwood-Olivetti Agents
114 E. Iron

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McPherson, Kansas

The W-R Milling Company

McPherson, Kansas

McPherson County
Farm Bureau Assn. and
Insurance Services

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Proud to Recommend McPherson
College to Kansas Boys and Girls

Roth's Mid-Kansas Produce
310 N. Oak

McPHERSON COLLEGE



McPherson College, organized in 1887, is affiliated with the Church of the Brethren. Located in a county seat town of 10,000, McPherson College is accredited by the North Central Ass'n. of Colleges and Secondary Schools, the Kansas Board of Education and the American Ass'n. of Colleges of Teacher Education.

Specialties at this four-year liberal arts college include teacher education, and agriculture and rural life. The College has a new administration building and 1200-seat auditorium. A new student center and girls' dormitory were opened in 1961.

Enrollment: 574.

Full-Time Teaching Faculty: 34.

Tuition and Fees: \$340 per semester including insurance, health service, activity fee and periodicals.

Room and Board: \$314 to \$331.50 per semester.

Scholarship and Loan Funds: 80 scholarships averaging \$285 and 130 loans averaging \$425. Total value \$96,000.

Work Opportunities: 20-25% of the students work on campus and 30-40% of the students work in town.

Curriculum:

B.S. and B.A. degrees offered in the following fields—

English and Literature	Mathematics
Music Education	Economics and Business Administration
Applied Music	History
Philosophy and Religion	Sociology
Biology	Education and Psychology
Chemistry	Home Economics
Physics	Industrial Arts
Speech and Drama	Agriculture and Rural Life

Courses are also offered in art, journalism, languages, physical education, pre-engineering, pre-medicine, pre-dentistry, pre-veterinary, pre-nursing, and others.

For Further Information, Write—

Mr. Guy Hayes
Director of Admissions
McPherson College, McPherson

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McPherson, Kansas

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Member F.D.I.C.

CAREER IN FARMING

(Continued from Page 13)

school plans to take about the same college work as Bruce is taking.

A Farming Career

A sound business operation in farming is Bruce's plan. The first of this year marked the start of a three way partnership between their mother and Bruce and Phil.

They want to expand when they have the time. They plan to purchase the herd of registered Angus cows owned by their grandfather.

They also want to expand their deferred steer operation into a year around steer feeding program.



Bruce is standing by some of the projects they have on feed in the lot.

Their land operation includes 480 acres of grassland and 640 acres of cropland.

Bruce's family has been in the Farm Management Association for more than twenty years. His

grandfather started this important practice which was passed on to his father.

The business partnership records will be kept by Bruce. He will have plenty of opportunity to use his college training. He and Phil share the responsibility of keeping herd records on the registered Angus cows.

Bruce started his cow herd with two cows and a 4-H heifer in 1955. The herd is now 25 cows with 22 calves. The deferred steers complete their livestock enterprise.

With a sound foundation of business organization, straight thinking, planning, and hard work, this career is being launched.

SAINT BENEDICT'S COLLEGE ATCHISON

St. Benedict's is a Catholic liberal arts college for men conducted for more than 100 years at Atchison in Northeast Kansas by monks of the Order of St. Benedict. It is fully accredited by the North Central Association of Colleges and Secondary Schools, the University of Kansas and the Kansas State Department of Public Instruction.

Enrollment: 778

Full-Time Teaching Faculty: 68

Tuition and Fees: \$375 per semester including tuition and fees.

Room and Board: \$330 per semester.

Scholarship Funds: 100 scholarships averaging \$450 are awarded. About 150 loans averaging \$575 are made annually.

St. Benedict's has cooperative academic, social and fine arts programs

For Further Information, Write—

Registrar, St. Benedict's College, Atchison

with Mount St. Scholastica College for Women in Atchison. An electronic language laboratory, and an indoor swimming pool appeal to many students. All programs of study at St. Benedict's have a liberal arts core.

Work Opportunities: About 130 students earned \$25,682 during the past school year. Additional job opportunities are available to students in Atchison.

Curriculum:

A.B., B.S., and B. of Music Education degrees are offered in 17 major programs of study. Curriculum includes a 3-2 engineering program with KSU, KU and Notre Dame, a preparatory program leading to teacher certification for secondary schools, and studies leading to priesthood and Benedictine Brotherhood.

These Firms and Individuals are Proud to Recommend Mount St. Scholastica and Saint Benedict's College for Kansas Boys and Girls

Ball, Lowry, Stillings & Caplinger
Blair Building

Bartlett Seed Co.
800 Main

Wm. E. Block, Architect
318 Commercial

Henderson Drug Store
930 N. 5th

Kirwan-Intfen Furniture Co.
623-625 Commercial Street

The Lockwood Co., Inc.
125 N. 5th

Mullins Bros. Hardware Co.
819 Main

Norton's Fabricon Invisible
Reweaving Co.
1604 Pacific

O'Keefe, Root, McKelvy & O'Keefe
Professional Bldg.

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MOUNT ST. SCHOLASTICA COLLEGE ATCHISON

Mount Saint Scholastic College is a Catholic liberal arts college for women conducted by the Benedictine Sisters. Located in a city of 15,000, the Mount was established in 1863 as an academy. It has been a senior college since 1930.

The Mount is accredited by the North-Central Ass'n. of Colleges and Secondary Schools, State Department

of Public Instruction and the National Council for Accreditation of Teacher Education.

The Mount has twin college advantages, associated with St. Benedict's College for men. A new library opened in 1962. Distinctive educational programs include dietetics, medical technology, teacher education, music and music education.

Curriculum: Degrees offered include A.B., B.S., B.S. in Ed., B. in M.E., B. in Music.

There are special subject matter programs in music, medical technology, teacher education and dietetics.

Other study programs include biology, chemistry, economics, education, health and physical education, music, philosophy, English, French, history, home economics, Latin, mathematics, political science, psychology, sociology and Spanish.

Enrollment: 425

Full-Time Teaching Faculty: 29

Tuition and Fees: \$275 per semester including tuition, activity fee, insurance and laboratory fees.

Board and Room: \$265 to \$275 per semester.

Scholarships and Loan Funds: 20 scholarships averaging \$350. 40 to 50 loans averaging \$800 are made annually.

Work Opportunities: Extensive. Students can earn \$200 to \$300 per year on a limited work schedule.

For Further Information, Write—

Director of Admissions, Mount St. Scholastica College, Atchison

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Tuition: \$225 per semester including insurance, health, library and activity fees, class and club dues, cap and gown rental, subscriptions to student publications, etc.

Board and Room: \$300 per semester.

Scholarships: Approximately 50 scholarships averaging \$250 each are awarded annually. Loan funds are available so practically all who apply receive the amount needed. A large percentage of the students work on campus and in Wichita.

Enrollment: 248.

Full-Time Teaching Faculty: 38.

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Sacred Heart College
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Its widely recognized program of education enables students to gain breadth of understanding and a comprehensive knowledge in specialized fields.

Students prepare for careers in business, teaching, law, medicine, the sciences, agribusiness, government service, music, art, the ministry writing and other professions.

The curriculum is organized in seven divisions. Students major in selected divisions or in the 17 departments. The work toward A.B.

Sc. B. or Mus. Ed. B. degrees. The emphasis is upon the individual. Each student has a major share in fashioning his personal program of study to meet his own objectives and needs.

Unique features of the program include an honors plan through which brilliant students may work on projects of a research nature, an elective summer reading program and a student personnel service.

Extra-curricular activities include, among others, music, radio (students operate their own FCC licensed radio station, KTJO-FM), debate, drama, publications, athletics, Christian missions, student government and departmental clubs. All students belong to the Greek letter social clubs.

Costs range from \$1,225 to \$1,325 per year including board, room, tuition, activity and other fees, and health and accident insurance. Scholarships and loan funds (national Defense loan fund is one) provide aid to a large number of students.

For further information, write to
Gene Miller, Director of Admissions.

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CAREER OPPORTUNITIES

(Continued from Page 9)

Contact Dr. W. L. Edwards for additional information.

Wichita University

Electronics technology

Drafting technology

Contact Mr. Ed Webb for additional information.

Dodge City Jr. College

Licensed practical nurse education

Contact Miss Billie Legg for

additional information.

Wichita Public Schools

Licensed practical nurse education

Contact Mr. Gilbert Butts for additional information.

Parsons Jr. College

Vocational auto mechanics

Vocational machine shop

Vocational printing

Contact Mr. Paul Komatz for additional information

* Twelve months course

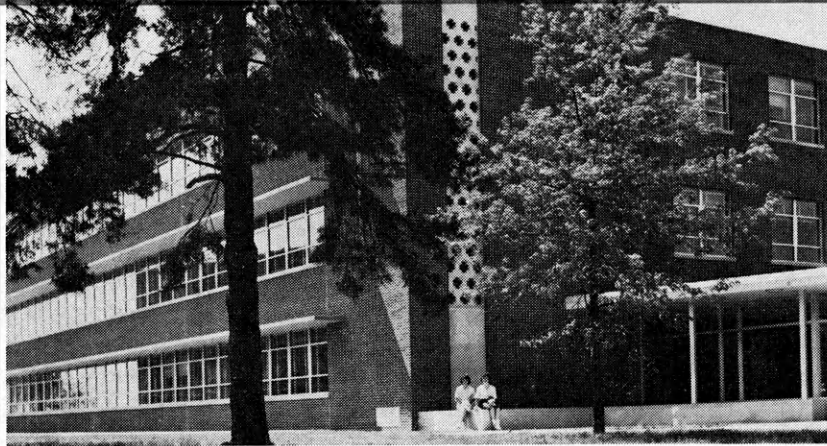
** Six months course

All other courses two years.

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SAINT MARY COLLEGE

Xavier,
Kansas



Miege Hall, New Classroom Building at Saint Mary College

In 1858, the pioneer Sisters of Charity of Leavenworth founded an academy which, over the years, grew into a four-year degree granting institution in 1923. Today, Saint Mary College offers purposeful, intelligent, Christ-centered living to young women desirous of developing their intellectual and artistic gifts.

Saint Mary College has new, very modern and well-equipped science building and language laboratory. This spring a beautiful new dining hall and kitchen will be opened. Saint Mary College is fully accredited. It is primarily a boarding school with students coming from all over the U.S. and from 17 foreign countries.

Located near Kansas City, emphasis is placed on a liberal arts program.

Enrollment: 509

Full-Time Teaching Faculty: 29

Tuition and Fees: \$450 per year including tuition, general and activity fees.

Room and Board: \$600 to \$640 per year.

Scholarship and Loan Funds: A number of scholarships averaging \$1,400 over a four year period are granted. A limited number of loans averaging \$350 per year are granted annually. The College also participates in the National Defense Student Loan Program.

Work Opportunities: Secretarial, receptionist, soda fountain, cafeteria, library and assist department chairman work available on campus making it possible to earn \$150 a year.

Curriculum:

B.A., B.S., B.M. and B.M.Ed. degrees offered with majors in the following — art, biology, chemistry, dietetics, drama, economics and business, education, English, French, history, home economics, Latin, mathematics, medical librarianship, medical technology, music, music education, nursing education, philosophy, sociology, Spanish, speech, theology.

For Further Information, Write—
Director of Admissions

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St. Mary of the Plains College is a Catholic four-year educational college conducted by the Sisters of St. Joseph of Wichita.

and Secondary Schools as a candidate for membership, and is affiliated with the Catholic University of America.

Founded in 1952, St. Mary of the Plains is approved by the University of Kansas, accredited by the State Department of Public Instruction, accepted by the North Central Ass'n. of Colleges

The faculty of diocesan priests, Sisters of St. Joseph, laymen and laywomen provide a close student-teacher relationship, an asset to maximum achievement.

Enrollment: 427

Full-Time Teaching Faculty: 36

Tuition and Fees: \$293 per semester including tuition, general fee and health insurance.

Room and Board: \$300 per semester.

Scholarship and Loan Funds: Seventy scholarships averaging \$500 awarded annually. Approximately 40 loans averaging \$500 are made annually.

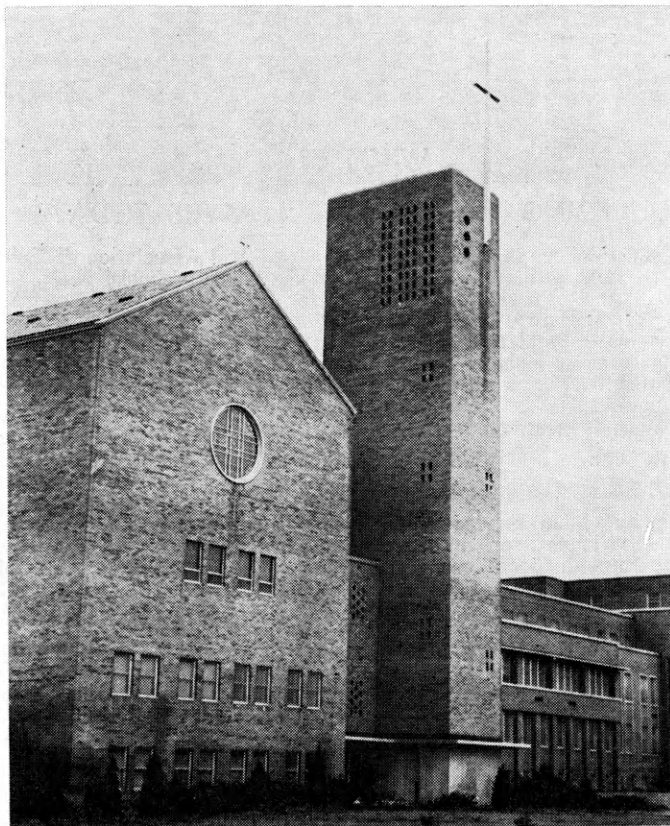
Work Opportunities: Office, library, cafeteria, maintenance, secretarial, sales, food service and farming work opportunities on the campus, in Dodge City and on nearby farms.



First-year nursing students at St. Mary of the Plains College are shown departing for St. Anthony Hospital for duty that is part of their training. The nursing program, conducted in conjunction with St. Joseph Hospital School of Nursing in Wichita, consists of a freshman year at St. Mary of the Plains and two years of clinical training at St. Joseph Hospital to complete requirements for becoming a registered nurse. Students then may return to the College for another academic year to fulfill requirements for the Bachelor of Science in Nursing degree. Also offered is the Bachelor of Science in Medical Technology, consisting of three years at the College and a fourth year of clinical work at an approved school of medical technology.

PLAINS COLLEGE

Dodge City, Kansas



Curriculum:

B. A., B. of Music, B. S. in Medical Technology, B. S. in Nursing and B. S. in Education offered with these major fields—

Biology

Business Administration

Chemistry

Education:

Elementary and Secondary

English

French and Spanish

History and Social Science

Home Economics

Mathematics

Medical Technology

Music: Music Education,
Piano, Voice

Nursing

Philosophy and Religion

Speech and Drama

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engineering and agriculture

For Further Information, Write—

Registrar,

St. Mary of the Plains College,

Dodge City

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The Fairmont Foods Company
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First Federal Savings & Loan Ass'n.
207 Gunsmoke

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Dodge City Medical Center
2020 Central

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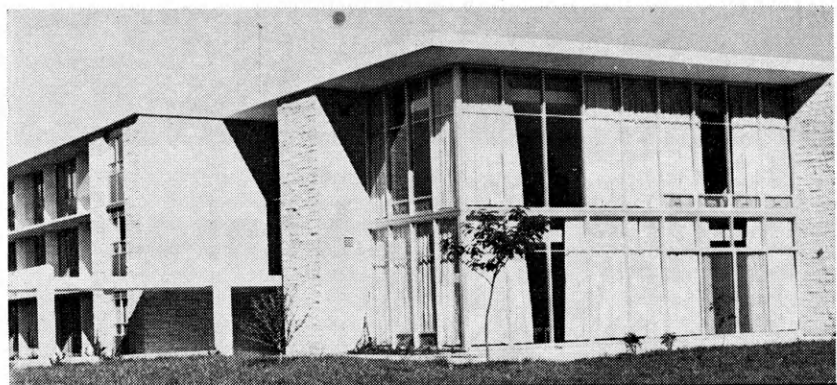
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Southwestern is accredited by the

North Central Association of Colleges and Secondary Schools, Nat'l. Council for Accreditation of Teacher Education, and the Nat'l. Ass'n. of Schools of Music. Southwestern is planning a new \$567,000 fine arts building and has eight other new buildings completed since 1954.

Enrollment: 652.

Full-Time Teaching Faculty: 43.

Tuition and Fees: \$1,350 for all tuition, fees, room and board.

Scholarship and Loan Funds: 250 scholarships averaging \$250 awarded annually. 150 loans averaging \$400 made during past year. Loans may be secured through the following programs: 1) National Defense; 2) United Student Aid Fund; 3) Methodist Board of Education; 4) Southwestern College Loan Fund.

Work Opportunities: Available in State Hospital and Training Center, in Winfield and on campus. About 67% of students earn $\frac{1}{4}$ or more of their expenses.

Curriculum:

A liberal arts program confirming a B. A., or B. of Music degree is offered in the following areas—

Art
English
History
Mathematics
Music
Speech
Psychology
Secretarial
Public School Music

Physical Education
Sociology
Biology
Physics
Chemistry
Home Economics
Elementary Education
Business and Economics
Dramatics

Pre-professional work in law, medicine, and the ministry.

For Further Information

Write—

Director of
Admissions



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on their
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Contribution to the
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STERLING COLLEGE

STERLING

Sterling College, founded in 1887, is affiliated with the United Presbyterian Church. It is fully accredited by the North Central Ass'n. of Colleges and Secondary Schools, and by the State Board of Education for teacher certification.

Sterling offers a complete liberal arts program, also allowing the student to major in one of a number of areas. Specialities in instruction include teacher education, music, home economics, sciences, and Christian Education. A new student union building has been completed and a new men's dormitory was completed September, 1962.

The College has an active forensics program of drama, speech and debate.

Enrollment: 489

Full-Time Teaching Faculty: 34

Tuition and Fees: \$325 per semester including all tuition and fees exclusive of music.

Room and Board: \$305 per semester.
Scholarships, Grants-in-Aid and Loan Funds: 45 scholarships averaging \$150, 115 grants-in-aid averaging \$200, and 75 loans averaging \$500 annually.

Work Opportunities: Maintenance, grounds, secretarial, cafeteria, and other work on campus. Store clerk, janitorial, yard work and farm work are others.

Curriculum: Bachelor's degrees offered. Subject matter areas include art, Bible and Philosophy, Christian Education, English, languages, music, speech, biology, chemistry, home economics, mathematics, physics, economics and business, education, geography, health and physical education, history, library science, psychology, and sociology.

For Further Information, Write—
Dallas Wilhelm
Admissions Counselor,
Sterling College, Sterling

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Washburn University was chartered as Lincoln College in 1865. The name was changed to Washburn College in 1868 in honor of a sizeable contribution from Ichabod Washburn, a successful industrialist from Massachusetts.

In 1941 the college was accepted by the citizens of Topeka and became Washburn Municipal University. In 1952 the name was changed to Washburn University of Topeka.

Washburn is fully accredited by the North Central Ass'n. of Colleges and Secondary Schools, the Kansas State Board of Education, the Nat'l. Council for Accreditation of Teacher Education, the Ass'n. of American Law Schools, the American Bar Ass'n., the American Ass'n. of University Women and the Nat'l. Ass'n. of Schools of Music.

The 1962-63 equated full-time enrollment was 2,424 with an equated full-time teaching faculty of 109.

Tuition is \$10 per semester hour for Topeka residents, \$11 per semester hour for non-residents. Graduate students in law and education pay \$12 per semester hour. All students pay \$10 per semester activity fee. Room and board in University residence halls is \$697 per school year.

Washburn University annually awards almost \$70,000 in over 400 scholarships. There are also various loan funds available for qualified students.

Almost three-fourths of the Washburn student body earn part or all of

their expenses. Topeka offers many student work opportunities.

Washburn University offers A.B., B.B.A., B.S., B.F.A., B.M., B.Ed., M.Ed., and L.L.B. degrees.

Bachelor degrees are offered in art, commerce, economics, and business administration, education, English, history, modern foreign languages, music, Philosophy, political science, psychology, sociology, biology, chemistry, home economics, mathematics, physics and astronomy. Graduate degrees are offered in law and elementary education and administration.

There are also pre-professional courses designed for further graduate study in dentistry, medicine and theology. There is a pre-professional training curriculum in conjunction with Stormont-Vail hospital leading to a career in medical technology and nursing.

For further information, write—
The Registrar and Director of Admissions, Washburn University of Topeka, Topeka.

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4-H Is Helping

(Continued from page 4)

bers have asked me the same thing," Mrs. Olson told Jim. "I am not a counselor. I can't help you too much, but I know some people who can."

"Why don't you and the other high school members come over to my place next week?" Mrs. Olson asked.

So Jim and the others met at Mrs. Olson's. Most had problems. One of the ten high school boys in the club was going to farm. An only son, he and his father planned to operate a 640 acre farm in partnership.

The other nine were in a similar situation to Jim.

Mrs. Olson called the meeting to order by saying, "Some of you have been asking how to find out more about different vocations. While I don't know much about them, I know people who do."

"For example," Mrs. Olson

continued, "Mr. Jones at the employment service tells me there will be fewer farm jobs ten years from now than there are today. He said the biggest increase is going to be in the professional and technical field, those jobs which require either a college education or other special training. There will be less demand for unskilled workers and those with no college may find it more difficult to get a job."

"This doesn't mean there won't be an opportunity to work in agriculture. A soil technologist or chemist is included with the professional and technical occupation group which will be one of the fastest growing in the next ten years," Mrs. Olson said.

"Why don't we see if Mr. Jones can come to visit with us Friday night?" piped up Jim.

"We'll do that," Mrs. Olson nodded. "Now, one other thing, all of you took those aptitude

tests in school, didn't you?"

"Sure," the group nodded. "We took them, but that's all. Nobody ever told us anything about them."

"Well," Mrs. Olson commented, "you'll want to ask the counselor to go over the results with you. Why don't you do that during the next two weeks? Then, a week from Friday night, let's ask Mr. Robertson, the counselor, to visit with us."

"Isn't there something we can do in addition to having people come and visit with us?" Jim asked.

"Sure," Mrs. Olson replied, "there are many things. Maybe you'd like to go up to State College some weekend. We could visit the laboratories in, say, engineering, agriculture, home economics, vet medicine, physics and chemistry. We could ask the professors to tell us about their work and the business and in-

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FORT HAYS KANSAS STATE

Fort Hays Kansas State College is under the control of the Kansas State Board of Regents. Fort Hays State is accredited by the North Central Association of Colleges and Secondary Schools, the National Council for Accreditation of Teacher Education, the National Association of Schools of Music and the American Association of University Women.

Fort Hays State has distinctive educational programs in the sciences, business, music, industrial arts and education. Largest division of the College is teacher education. The College is world-renowned for its program and research on grasslands and range management.

Originally a branch of Emporia Normal School, the college was founded on land deeded to the state by the U.S. Government. It was originally a part of the Fort Hays Military Reservation.

Buildings and equipment of special interest to prospective students include a new, half-million dollar addition to Science Hall; a college farm providing for grasslands research; recently installed language laboratory; a modern applied arts building for industrial arts, art and home economics; reading laboratory; and modern facilities for teaching

of business and economics. A new speech and music building and a new library are planned. A new residence hall for 314 women will be completed this fall.

Fort Hays State has a unique method of providing directed teaching for students in area communities. It has a one-year secretarial program which gives full college credit and a nurse education program leading to a nursing diploma and a college degree.

Enrollment: 3190

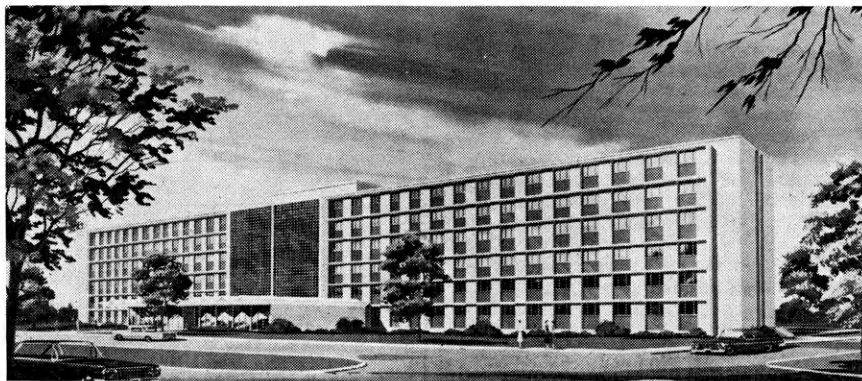
Full-Time Teaching Faculty: 161

Tuition and Fees: \$77 per semester including incidental, health, Memorial Union. No tuition or special laboratory fees charged.

Board and Room: \$300 per semester

Scholarship and Loan Funds: 130 scholarships averaging \$150. 351 loans averaging \$430 are made annually.

Work Opportunities: Over 600 jobs are available to students on campus and about 600 are available in Hays.



New residence Hall, McMIndes Hall, now under construction. Wing will house 314 women and dining facilities for 900.

dustrial opportunities in their particular field, "Mrs. Olson continued.

"Say, that sounds real good," Jim exclaimed. "Maybe we could go to the basketball game in the evening."

"Let's spend some other weekend visiting a business in our county seat town," said Brenda, one of the girls. "I'd like to go to a department store, maybe to a bank and to the insurance company there."

"Maybe," Mrs. Olson suggested, "you should split into groups. Some visit one place, another group go to another. You could then meet and make a report."

"That sounds like a tremendous idea," Jim said. "What should we include in our report?"

"Well," Mrs. Olson commented, "you'll want to find out, from the people with whom you talk,

just what is included in their job, how they prepared for it, what kind of education or training they have, why they like their work, and what they think they'll be doing ten years from now."

"That's quite a list," Jim exclaimed, "but I guess there's a lot of things you need to know before you finally make up your mind on what you want to do."

"This Town and Country Business project I am taking will help me to find out about various job opportunities," spoke up Tom Allen, one of Jim's neighbors. "We study different businesses in town, write up a report on them and give this report at our project meeting. We visit with businessmen and find out as much as we can of their work and their business."

"Yes," Mrs. Olson said, "the Town and Country Business project is one of the best you

can take to find out more about a variety of businesses. Don't forget, however, to think of careers allied with the other projects you take. Jim, you're taking wheat this year. Have you thought of visiting with your elevator operator or the flour mill?"

"Ronnie," she said, pointing to Ronnie Adams, "you are taking livestock. Have you thought of being a county agent or a meat inspector? Mary, have you visited with the county health nurse or the technicians at the hospital in connection with your health activity?"

"You see," she went on, "there are all kinds of vocations which you could investigate at the same time you are carrying your 4-H projects and activities. Probably no other youth organization gives you as many good opportunities to explore so many different vocations."

COLLEGE, Hays, Kansas

Curriculum:

Degrees offered include B. A., B. S., B. in Music, Master's degree in most subject fields, and Specialist in Education.

Agriculture
Art
Biology
Botany
Chemistry
Economics
Business
Secretarial
Commercial
Geography

Education
English
Literature
Biblical Literature
Journalism
Geology
General Science
Health
Physical Education
Recreation

History
Home Economics
Industrial Arts
French
German
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Library Science
Mathematics
Music

Applied Music
Nurse Education
Philosophy
Physics
Political Science
Sociology
Anthropology
Psychology
Speech
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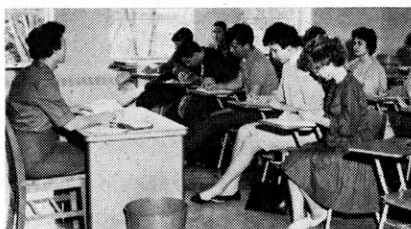
Pre-professional courses offered in dentistry, engineering, foreign service, law, medical technology, medicine, pharmacy, theology and journalism.

For Further Information

Write —

News and Publications Office

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KANSAS STATE COLLEGE of PITTSBURG

PITTSBURG

Kansas State College of Pittsburg, founded in 1903, is governed by the Kansas State Board of Regents. It is accredited by the North Central Ass'n. of Colleges and Secondary Schools.

Distinctive educational programs include education, industrial education, and art, and business administration.

Enrollment: 3,441

Full-Time Teaching Faculty: 192

Tuition and Fees: \$74 per semester including enrollment, student center, health, activity. Book rental, \$12.

Board and Room Costs: \$602 for a nine-month year.

Scholarship and Loan Funds: Approximately 170 scholarships varying from \$100 to \$600 each. Approximately 200 loans averaging \$500 are made annually.

Work Opportunities: Approximately 600 students are employed by the College with some jobs available in Pittsburg.

Curriculum: B.A., B.S., B. in F.A., B. of Music, M.A., M.S., and specialist in Education degrees are offered. Subject matter areas include — art, business, elementary education, English, foreign languages, home economics, industrial arts, journalism, library science, mathematics, mechanic arts, music, physical education, psychology, speech, physics, chemistry, biology and social sciences. Pre-professional work in engineering, dentistry, medicine, vet medicine, nursing and law.

For Further Information, Write—
Office of Admissions,
Kansas State College, Pittsburg

KANSAS STATE TEACHERS COLLEGE

EMPORIA

The Kansas State Teachers College, Emporia, is recognized as one of the outstanding teachers colleges in the United States. During the fall semester of 1962, a total of 4,601 equated full-time college level resident students were enrolled.

The college operates on a year-round basis and it is possible for a student to obtain a degree in three years by attending one or more summer sessions.

Two hundred and sixteen faculty members serve Teachers College students.

Tuition and fees amount to \$76 per semester. This covers such items as laboratory fees, the yearbook, school newspaper, activity ticket and health fee.

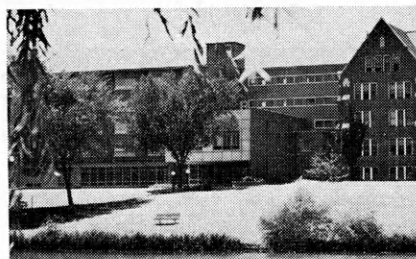
Students who live on campus in the dormitories pay from \$257 to \$295 per semester. Off-campus housing is available for approximately \$25 per month. The women's dormitories accommodate about 700 women and 118 young men may live in the men's dormitory.

More than 270 scholarships are awarded annually by the Faculty Academic Scholarship Committee of the Teachers College. The Scholarship Committee also administers a student loan program.

Many students work part or full-time to pay college expenses. Work is available in college offices and on the campus. Emporia businesses are very cooperative in providing jobs for students.

The Teachers College prepares students for careers in teaching (which includes school administration and counseling) and librarianship.

Campus buildings include modern science laboratories, the William Allen White Memorial Library, modern well-equipped classrooms, the Thomas W. Butcher Children's School (kindergarten through grade 6), Roosevelt Junior and Senior High School, Student Union, and Cafeteria.



The Teachers College is fully accredited. It is authorized by the Kansas State Board of Regents to award the following degrees:

Bachelor of Science in Education
Bachelor of Science in Business
Bachelor of Music Education
Bachelor of Music
Bachelor of Arts
Master of Arts
Master of Science
Specialist in Education

Inquiries for additional information should be directed to—
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Kansas State University was serving the youth of Kansas even before the "iron horse" joined the east coast to the west coast.

Here was an educational institution dedicated to the proposition that "A man's reach should exceed his grasp"—he should be able "to look farther than his eyes could see."

Though today's Space Age student faces a frontier much different than the one faced by his counterpart of a hundred years ago, the excitement of learning remains the same. Education always has been an adventure for those who plan for tomorrow.

K-State is eager to assist young people who seek to meet the challenge of the future. President James A. McCain has said: "Show me any youth in our state with demonstrated ability to succeed in one of our courses and we shall make it possible for him to attend this University, regardless of his financial circumstances."

During the past decade K-State's physical plant has more than doubled in size. Hand in hand with this physical expansion, marked growth in emphasis upon culture, scholarship and research has taken place.

To furnish maximum educational opportunity to the student, the University is organized into seven schools, which soon will be known as "colleges."

Opportunities in The School of Agriculture

Approximately 4,000 acres of land are used for experimental work and instruction. Specialized facilities include greenhouses for horticultural and field crops; a dairy manufacturing plant; a feed mill; a flour mill; a livestock slaughter and meat processing plant; and specialized laboratories for soils, field crops, horticultural crops, entomology, poultry

and poultry products, and statistical computations.

Departments with the School include Agricultural Economics, Agronomy, Animal Husbandry, Biochemistry, Dairy Science, Entomology, Flour and Feed Milling Industries, Horticulture and Landscape Architecture, and Poultry Science.

In the six four-year curriculums offered in the School of Agriculture, students may prepare for farming and ranching, for the scientific investigation of agricultural problems, for agricultural extension work, for the teaching of vocational agriculture in high schools and agriculture in colleges, for responsible positions in industries related to agriculture, and for a variety of other public and private services of an agricultural nature.

The Curriculum in Agriculture is designed as a broad and flexible curriculum; the other five are specialized. All six curriculums require the same courses in the freshman year with the exception of Landscape Architecture. The four other curriculums are Agricultural Education, Dairy Manufacturing, Feed Technology, and Milling Technology.

The instructional program of the School of Agriculture has two objectives. The first is to develop in students those qualities which mark the man of liberal education. The second is to prepare the student to enter and advance in the occupation of his choice.

Opportunities in The School of Arts and Sciences

Work given by the School of Arts and Sciences was prescribed in the original act establishing Kansas State. It is now the largest of the seven schools which comprise the University.

Through the efforts of a distinguished

faculty actively engaged in teaching and research, students are encouraged in the greatest possible development of their capacities as responsible individuals and members of society. Here they obtain a broad preparation for life and secure a sound basis in professional training.

The departments are organized into five areas with seven individualized curriculums: General, Humanities, Social Science, Biological Science, Physical Science, Education, and Applied Music.

Honors programs in the Arts and Sciences, as well as in other schools, stimulate and develop unusual abilities of the students who have outstanding academic records. Students of unusual academic potential interested in careers as college teachers are invited to apply for the Ford Foundation Five-Year Master's Program.

The departments which comprise the School of Arts and Sciences are the fol-

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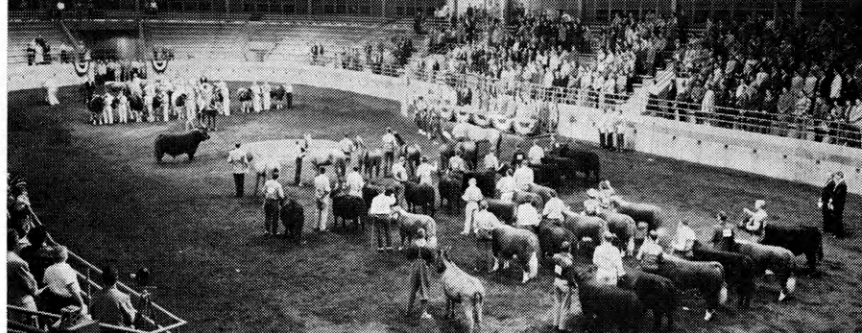
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Largest and one of most versatile laboratories on the K-State campus is the Animal Industries building. The arena is used for the staging of the Little American Royal each spring. Here participants are shown at the conclusion of the opening Grand March.

lowing: Air Science; Bacteriology; Botany and Plant Pathology; Chemistry; Economics and Sociology; Education; English; Geology and Geography; History, Political Science, and Philosophy; Mathematics; Military Science; Modern Languages; Music; Physical Education; Physics; Psychology; Speech; Statistics; Technical Journalism; and Zoology.

Opportunities in The School of Commerce

Primary objective of the School of Commerce, the University's newest School, is to offer opportunities for professional education in accounting and business with a strong background in liberal arts and sciences.

The curriculum in Business Administration has two undergraduate majors; Business Administration and Accounting. The program for Business Administration emphasizes the general management viewpoint. Majors may specialize to a limited extent in finance, industrial and labor relations, and office management and practice.

The Accounting program is similar to that in Business Administration, except that Accounting majors take courses qualifying them to take the examination for certified public accountants. They also provide the necessary background for careers in industrial and governmental accounting.

Most of the course work in the first two years for both Business Administration and Accounting majors is in the School of Arts and Sciences. In the junior and senior years, all students are required to complete a group of basic courses in business. The curriculum is designed to provide students

with a knowledge of the fundamentals of business and its problems, an understanding of the social, economic and political environment in which business operates.

Opportunities in The School of Engineering and Architecture

Not only is there a tremendous demand for engineers and architects due to the rapid expansion of existing industry, but entirely new and challenging opportunities continually are created in such diverse areas as our space program, harnessing nuclear power, controlling man's environment, and development and application of electronic computers.

To keep pace, the engineering school has under construction a new Nuclear Science and Engineering Laboratory and a new Institute for Environmental Research, both of which will be completed this year. A new teaching and research reactor, the K-State TRIGA Mark II, whose capabilities are matched by few other reactors, went "critical" the fall of 1962.

The School of Engineering and Architecture offers the Bachelor of Science degree in nine curriculums, each of which provides a well-rounded university education designed to develop the general qualities of human understanding.

Departments within the School include: Agricultural Engineering, Applied Mechanics, Architecture and Allied Arts, Chemical Engineering, Civil Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, and Nuclear Engineering.

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Opportunities in The School of Home Economics

Graduates of the School of Home Economics are doing important work in many parts of the world. Some are teaching high school or college students or carrying on adult education in Korea, the Philippines, Pakistan, or The Netherlands, as well as in the United States.

Other graduates are working for the nation's big food and equipment manufacturers or serving as interior decoration editors of magazines or as home department editors on newspapers. Still others are dietitians in hospitals, in college residence halls, or in the Army or Navy. Some are in social welfare work; many are home economics agents; some are nurses; and some are in clothing retailing in large stores.

Students at K-State find excellent plans of study in home economics, whether they prepare for careers or for homemaking, or both. Six curriculums are open to the student: Home Economics (with options), Dietetics and Institutional Management, Restaurant Management, Home Economics with Liberal Arts, Home Economics and Journalism, and Home Economics and Nursing.

Opportunities in The School of Veterinary Medicine

The necessity of protecting the animal health of Kansas by training students in animal disease courses, sanitation, and hygiene was recognized very early by K-State administrators and livestock producers. Therefore, veterinary courses were introduced first at the University in 1868, and from this early beginning the School of Veterinary Medicine was established formally in 1905. The four departments within the School are: Anatomy, Physiology, Pathology, and Surgery and Medicine.

The School has three buildings for instruction. These contain adequately and modernly equipped classrooms, labor-



Beverly June Wood, sophomore in K-State's new School of Commerce is "Miss Kansas of 1963."

atories, and an up-to-date veterinary library. More than 30,000 animals are treated yearly at the modern veterinary clinical hospital building.

Six years of study beyond high school are required for the Doctor of Veterinary Medicine degree. The number of students admitted to the professional curriculum in veterinary medicine is limited. When all factors are equal, first preference is given to Kansas applicants.

Opportunities in The Graduate School

Academic work leading to the master's degree is offered in 69 fields at Kansas State University, while academic work leading to the doctor of philosophy degree is offered in 24 fields. Since 1959 K-State also has been authorized to award the master of arts degree in the traditional fields.

The Graduate School is concerned with a program designed to aid the student to achieve the maximum possible general education while pursuing the specialized professional courses.

Enrollment: 8909 (including 432 evening college students)

Full-Time Teaching Faculty: 518

Tuition and Fees: \$119 per semester including incidental, health, Union Building and Annex, and student activities fees for residents of Kansas.

Room and Board: \$450 to \$700 a year.

Scholarship and Loan Funds: Approximately 500 scholarships averaging \$252 are awarded annually. A total of 1779 loans totaling \$484,430 were made last year.

Work Opportunities: Approximately half of the students work to pay all or part of their college expenses.

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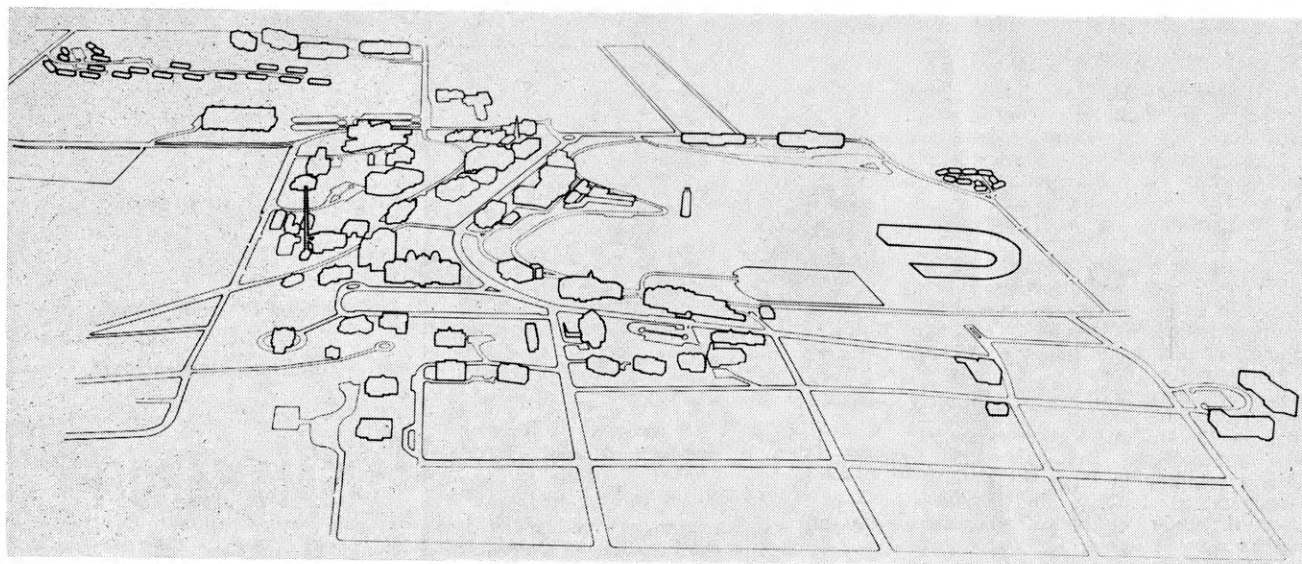
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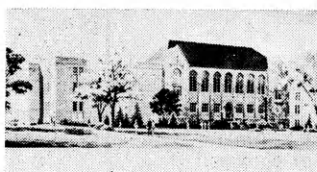
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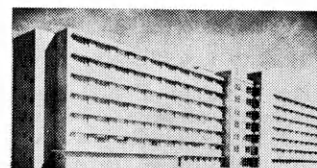
u·ni·ver·si·ty (u'ne-vur'se-ti), *n.* [*pl.* UNIVERSITIES (-tiz)], [*ME. universite; OFr. universite; L. universitas, the whole, universe, society, guild* < *universus*; see UNIVERSE], 1. an educational institution of the highest level, typically with one or more undergraduate schools, or colleges, together with a program of graduate studies and a number of professional schools, and authorized to confer various degrees, as the bachelor's, master's, and doctor's . . .

U·ni·ver·si·ty of Kan·sas (kan'zes), *n.* 1. the state university of Kansas; an educational institution of the highest level. 2. consists of seven undergraduate schools: the College of Liberal Arts and Sciences and the professional Schools of Business, Education, Engineering and Architecture, Fine Arts, Journalism, and Pharmacy; and three schools of graduate studies: the Graduate School, the School of Law, and the School of Medicine. 3. authorized to confer eight different bachelor's degrees in 75 different major fields, nine master's degrees, and the degrees of specialist in education, doctor of education, doctor of medicine and doctor of philosophy . . .



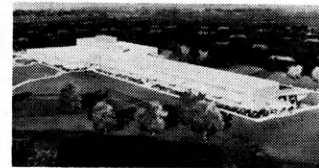
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