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# Kansas 4-H Journal

The Family Magazine

20<sup>th</sup> January 1983

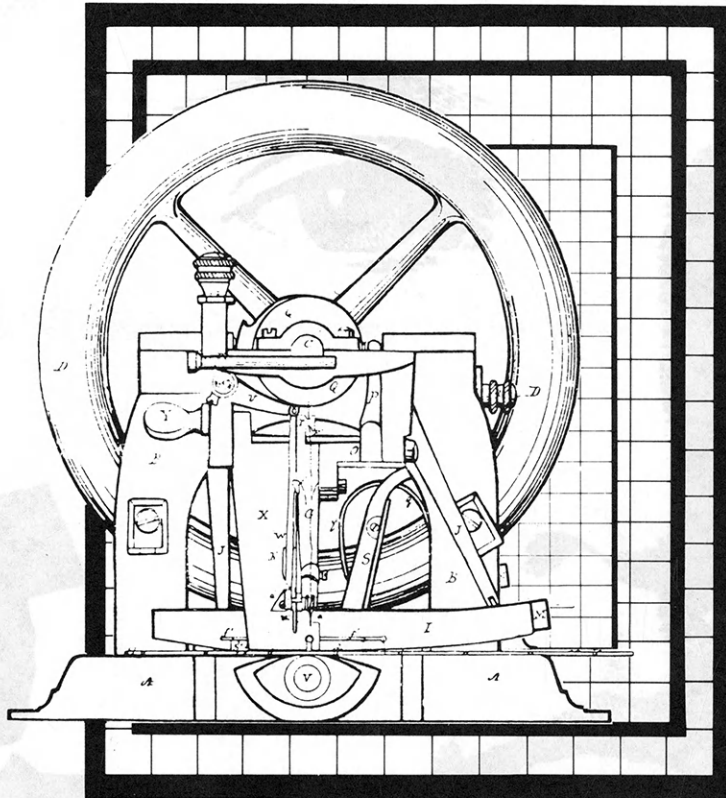


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## 1983 Education & Careers Issue

# The Regents' Institutions



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Emporia State University  
Fort Hays State University  
Kansas State University  
Kansas Technical Institute  
Pittsburg State University  
University of Kansas  
Wichita State University



# Kansas 4-H Journal

Volume XXIV, No. 1

January 1983

## 1983 EDUCATION & CAREERS ISSUE:

Kansas is fortunate to have such a variety of schools offering high quality career training. Two- and four-year colleges, area vocational technical schools and proprietary schools offer students a wide range of options.

Demand for skilled health technicians remains high. The article on pages 4, 5 and 6 outlines training and job responsibilities for medical laboratory technicians, respiratory therapy technicians and radiographers.

Financing high education is a concern for many students. One of the financial aids available to Kansas 4-Hers is 4-H scholarships. Read about how to apply on pages 12 and 13.

**Sara Gilliland** ..... Editor  
**Renee Zirger** ..... Secretary

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Manhattan, Kansas 66506

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Kansas 4-H Journal is published  
10 times a year by  
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Use of the 4-H name and symbol approved by the secretary of Agriculture of the United States, January 23, 1951, under the provisions of the laws as reenacted by Sec. 707 of the Act of June 25, 1948, Public Law No. 772 80th Congress (10 USC 797).

Finances are just one of the problems faced by college students. Kathleen Ward interviewed eight former 4-Hers, who tell about their college expectations and experiences. The article begins on page 15.

If you're a horse enthusiast you'll be interested in Heidi Bright's article on pages 22 and 23 which is about turning your hobby into a career. Heidi, a horse enthusiast herself, has set her goal in ag journalism.

Bev Bradley and Janice Hardenburger, both longtime 4-H volunteers, tell how their volunteer experiences lead to paid employment in the article starting on page 26.

The rewards of choosing a non-traditional job can be high, but one also must be prepared for the disadvantages. Several non-traditional workers share their insights on page 30.

Computers are becoming common in the workplace. A home computer can spark a young person's interests or make everyday chores easier. Read about choosing a home computer on page 32.

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**One or two years' training required**

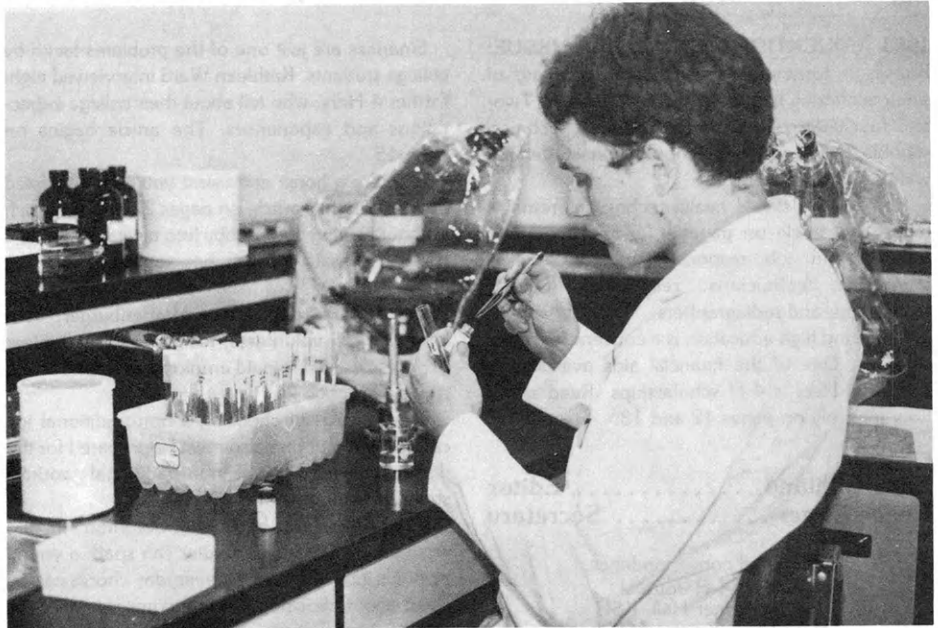
# Job prospects good in health technician fields

by William S. Dunlap, Ph.D.  
Health Occupations Specialist  
Kansas Department of Education

Pick up the employment section of the classified advertisements of almost any newspaper and it reads, "Wanted: Health Technicians." There is no doubt that health care is big business. It is the second largest industry in the United States. While the supply of health technicians has been increasing for the past twenty years, the projected, as well as the present, demand for people with these occupational skills continues.

Reasons contributing to these projections are population growth and the rising number of older people. Other factors influencing the need for more health technicians include a greater health consciousness by the general public, greater emphasis on preventive treatment, rising incomes, increased insurance coverage, and the increasing number of patient services and diagnostic tests available. As a result of these factors, health technicians will find employment not only in hospitals and clinics but also in nursing homes, home-based care, and business and industrial settings.

In general, a health technician program requires between one and two years of training beyond high school. The Kansas public area vocational technical schools and community colleges offer students an economical alternative for health skill training. Other



Medical Laboratory Technician Program at Seward County Community College.

programs are found in private hospitals and four-year colleges.

A recent survey by the American Hospital Association shows the most critical shortages are in the specialties of medical laboratory, respiratory therapy and radiographer (X-ray). The 1982 Kansas Hospital Association Survey produced similar results for this state.

## Medical Laboratory Technician

There are two levels of training in this health specialty; a one year Medical Laboratory Technician — certified pro-

gram (MLT-C) and a Medical Laboratory Technician — associate degree (MLT-AD) level requiring two years to complete. The MLT-C program at Wichita Area Vocational Technical School has a cooperative agreement with Hutchinson and Butler County Community Colleges to allow graduates to complete the MLT-AD level. Program graduates are eligible for a national certification examination.

Medical Laboratory Technicians (MLT) perform a variety of clinical and biological assays on blood and other

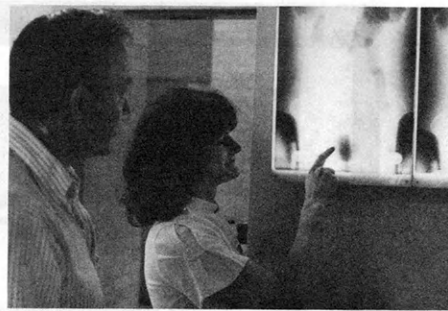
## Health-Related Programs in Area Vocational Technical Schools

	Central Kansas	Arkansas City	Emporia	Kansas City	Topeka	Liberal	Manhattan	Beloit	Atchison	Goodland	Salina	Coffeyville	Dodge City	Wichita
Dental Assistant			•								•			•
Emergency Mobile Intensive Care Technician														•
Medical Assistant						•								
Medical Laboratory Technician (Certified)														•
Medical Secretary					•									•
Mental Health Technician		•												•
Practical Nursing	•		•	•	•		•	•	•					•

body fluids which assist physicians in the diagnosis and treatment of disease. Using established procedures and standards, MLT's are skilled in manual techniques such as pipetting, colorimetry, and microscopy. They also monitor electronic and automated analytical equipment.

### Respiratory Therapy

Respiratory Therapy is a relatively new and dynamic health specialty. There are two levels of training in this allied health field: Respiratory Therapy Technician, requiring one year of training, and the Respiratory Therapist, requiring two years of training. Graduates of either type of program are eligible for a national certification examination at



Radiographer Technologist program at Hutchinson Community College



Radiographer Technologist program at Hutchinson Community College

their respective level.

The Respiratory Therapist works as a member of the health care team alongside the physician, nurse and

other health professionals. Respiratory Therapists are employed under medical direction in the treatment, management

(cont. on pg. 6)

## Health Occupation Programs in Community Colleges

	ALLEN	BARTON	BUTLER	CLOUD	COFFEYVILLE	COLBY	COWLEY	DODGE CITY	FORT SCOTT	GARDEN CITY	HIGHLAND	HUTCHINSON	INDEPENDENCE	JOHNSON	KANSAS CITY	LABETTE	NEOSHO	PRATT	SEWARD
Associate Degree Nursing		•	•	•			•	•	•		•	•	•	•	•	•	•	•	•
Biomedical Equipment Technician												•							
Dental Hygiene												•							
Dietetic Technician		•		•															
Emer. Mobile Inten. Care Tech.											*	•							
Respiratory Therapy												+		•					
Practical Nursing		•	•		•		•	•							•	•	•	•	•
Medical Laboratory Technician		•	**	•		•					**	+						•	
Medical Records Technician											•	•							
Medical Secretary		•		•		•	•			•	•				•		•		
Mental Health Technician		•				•	•					•		•					
Nursing Home Administrator	•	•		•										•					
Occupational Therapy Assistant		•																	
Optometric Technician					•														
Physical Therapy Assistant					•							+						•	
Radiographer (X-ray) Technologist										•		+		•					
Recreation Therapy Assistant													•						

\* Proposed for fall of 1983

\*\* Cooperative program with MLT-C at Wichita AVTS

+ Cooperative program with Penn Valley Community College

and diagnostic evaluation of patients with deficiencies and abnormalities with the cardiopulmonary system. This includes the therapeutic use of medical gases and administration systems, aerocals, medications, ventilatory support, respiratory rehabilitation, cardiopulmonary resuscitation and maintenance of artificial airways.

### Radiographer

Radiographer (X-ray technologist) programs require twenty-four months of training and graduates are eligible for a national certification examination. The Radiographer produces the radiographs (X-ray pictures) that enable the radiologist (a physician) to diagnose broken bones, ulcers, tumors, diseases and malfunctions of organs.

The Radiographer is responsible for equipment adjustment to the correct setting for specific examinations, correct patient positioning, making the required X-ray exposure and processing the radiographs. Additional responsibilities include the mental and physical comfort of patients and providing them with adequate radiation protection while taking radiographs.

### Future Prospects

The health field, perhaps more than any other career area, offers a wide range of opportunities which can match almost any interest. These technical specialties are just a sample of the training programs available to students in Kansas.

Currently, the salary ranges for the three positions mentioned in this article are approximately \$14,000 to \$16,000. Salary and benefits vary depending on location, size of the health care facility and your experience. Like most of the health professions, the working hours vary.

Health care is always moving in new and different directions. No one can predict with absolute certainty what the future employment outlook will be for a particular career. However, even the most conservative projections show employment demand in almost every health occupation will continue through the 1990's in both the urban and rural areas.

Because the number of students accepted into many health programs is limited, candidates should apply early. Contact the area vocational technical schools or community colleges for more information about specific programs.



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# KANSAS TWO-YEAR COLLEGES

## Public Community Colleges

	Location	(Equated Full-Time) Enrollment Fall, 1982	Tuition Per Year (KS. Resident) Fall, 1982	Room & Board Per Year Fall, 1982	On Campus Housing Capacity	WRITE OR CALL FOR INFORMATION TO
Allen County Community College	Iola	527	\$10 credit hr.	\$1464	96	Registrar, Allen County Community College, 1801 N. Cottonwood, Iola, Kans. 66749, 316-365-5116.
Barton County Community College	Great Bend	1,104	\$12 credit hr.	\$1650	200	Office of Admissions, Barton County Comm. College, Great Bend, Kans. 67530, 316-792-2701 (Ext. 212).
Butler County Community College	El Dorado	1,636	\$17 credit hr.	\$1696	138	Director of Admissions, Butler County Community College, El Dorado, Kans. 67042, 316-321-5083.
Cloud County Community College	Concordia	924	\$17 credit hr.	\$850 (room only)	200	J.W. Carlson, Dir. of Admissions, Cloud County Community College, Concordia, Kans. 66901.
Coffeyville Community College	Coffeyville	742.6	\$10 credit hr.	\$1300	196	Dir. of Admissions, Coffeyville Community College, Coffeyville, Kans. 67337, 316-251-7700.
Colby Community College	Colby	828	\$13 credit hr.	\$1500-1600	264	Kelly Beisner or Sherri Neff, Admissions, Colby Community College, Colby, Kans. 67701, 913-462-3984.
Cowley County Community College & Vocational-Technical School	Arkansas City	899	\$10 credit hr.	\$1700	114	Jack Beadles, Dean of Students, Cowley County Community College, Arkansas City, Kans. 67005, 316-442-0430.
Dodge City Community College	Dodge City	883	\$12 credit hr.	\$1400-1800	301	Debbie Trahern, Dir. of Admissions, Dodge City Community College, Dodge City, Kans. 67801, 225-1321, 1-800-742-9519 (Ext. 217).
Fort Scott Community College	Fort Scott	758	\$10 credit hr.	\$1530	120	Registrar, Fort Scott Community College, 2108 S. Horton, Fort Scott, Kans. 66701, 316-223-2700.
Garden City Community College	Garden City	831	\$12 credit hr.	\$1650	218	Director of Admissions, Garden City Community College, Garden City, Kans. 67846.
Highland Community College	Highland	653	\$432	\$1500-1700	240	Douglas L. Fitch, Dean of Student Affairs, Highland Community College, Highland, Kans. 66035, 913-442-3238.
Hutchinson Community College	Hutchinson	1,756	\$12 credit hr.	\$1700	400	Director of Admissions, Hutchinson Community College, Hutchinson, Kans. 67501, 316-665-3535.
Independence Community College	Independence	558	\$12 credit hr.	\$1600	96	Director of Admissions, Independence Community College, Independence, Kans. 67301, 316-331-4100 (Ext. 230).
Johnson County Community College	Overland Park	3,949	\$17.50 credit hr.			Dir. of Admissions, Johnson County Community College, 12345 College at Quivira, Overland Park, Ks. 66210, 913-541-3803.
Kansas City Kansas Community College	Kansas City	2,218	\$288			Dir. of Admissions & Registrar, Kansas City Kans. Community College, 7250 State Ave., Kansas City, Ks. 66112, 913-334-1100.
Labette Community College	Parsons	961	\$12 credit hr.	\$1550	48	Labette Community College, 200 South 14th St., Parsons, Kans. 67357, 316-421-6700.
Neosho County Community College	Chanute	455	\$12 credit hr.	\$1530	88	Gary Royce, Admissions Counselor, Neosho County Community College, Chanute, Kans. 66720, 316-431-2820.
Pratt Community College	Pratt	518	\$12 credit hr.	\$1640	142	Director of Admissions, Pratt Community College, Pratt, Kans. 67124, 316-672-5641.
Seward County Community College	Liberal	483	\$12 credit hr.	\$1750	132	Dean of Student Services, Seward County College, Liberal, Kans. 67901, 316-624-1951 and 1-800-742-9533.

## Private Two-Year Colleges

Central College	McPherson	303	\$3,400	\$2,000	285	Director of Admissions, Central College, McPherson, Kans. 67460, 316-241-0723.
Donnelly College	Kansas City	562	\$1200			Donnelly College, 608 North 18th St., Kansas City, Kans. 66102, 913-621-6070.
Hesston College	Hesston	596	\$3400	\$1900	550	Student Services Department, Hesston College, Hesston, Kans. 67062, 316-327-4221.
<b>State Technical Institutes</b>						
Kansas Technical Institute	Salina	512	\$474	\$1500	135	Director of Admissions, Kansas Technical Institute, Salina, Kans. 67401.
Vocational Technical Institute (Pittsburg State University)	Pittsburg	321	\$280	\$1730-1948	1240	Dr. Hubert D. Reid, Dir., Vocational Technical Institute, Pittsburg State Univ., Pittsburg, Kans. 66762, 316-231-7000 (Ext. 401).

# Occupational Opportunities — Plan

## Kansas Association of Area Vo Tech Schools

CAREER AREAS	AVTS CENTERS											
	NEWTON	ARKANSAS CITY	EMPORIA	KANSAS CITY	TOPEKA	LIBERAL	MANHATTAN	RELOT	ATCHISON	GOODLAND	SALINA	COFFEYVILLE
AGRICULTURE EDUCATION												
Agriculture Production	H	P	H		X	X		X				X
Farm & Ranch Management			P								P	
Agribusiness Supplies/Service		P			X							X
Agricultural/Farm Mechanics	H						X					
Ornamental Horticulture	H				X							X
Farm Business Analysis						P	P		P			
DISTRIBUTIVE OCCUPATIONS												
Distributive Education	H		X	H	X		X	X	H		H	X
Retail Management		P										
HEALTH OCCUPATIONS												
Dental Assisting			P								P	P
Medical Lab Tech. (Certified)		P										P
Practical Nurse (Vocational)	P		P	P	X		P	P	P			P
Nursing Assistance (Aide)			P	P	X	X					X	X
EMICT												P
Mental Health Technician		P										P
Medical Assistant						X						
Health Assistant (Coop)				H								
Medical Secretary					X							P
Exploratory Health Occupations											X	H
HOME ECONOMICS AND RELATED OCCUPATIONS												
Home Health/ Nursing Home Aide											P	P
Coop. Home Ec. Occupational Prep.	H										P	H
Care & Guidance of Children					X						P	X
Clothing Prod. & Services											P	X
Consumer & Homemaking	H										H	H
Fashion Merchandising												P
Food Management: Prod. & Services			X	X	X		P		X		X	X

CAREER AREAS	AVTS CENTERS											
	NEWTON	ARKANSAS CITY	EMPORIA	KANSAS CITY	TOPEKA	LIBERAL	MANHATTAN	RELOT	ATCHISON	GOODLAND	SALINA	COFFEYVILLE
Home Furnishings (Drapery Const.)											P	
Vocational Home Ec.	H											
Dietetic Assistant							P					P
OFFICE OCCUPATIONS												
Secretarial	H	X	X	X	X	X	X	X	X	P	H	X
Accounting/Bookkeeping		X		X	X	X	X		X			X
Data Processing/ Computer Pgm.		X			X	X	P	X	X	P		X
Data Entry					X				X			X
Legal Secretary												P
Clerical		X	X	X	X	X	X	X	X	P		X
TRADE AND INDUSTRIAL OCCUPATIONS												
Air Conditioning and Refrigeration				X	X	X	P				X	
Auto Body Repair	X			X	X		P		X	P	X	X
Mechanics/Auto or Truck	X	X	X	X	X	X	X	X	X	P	X	X
Automotive Machine Shop				X		X						
Automotive Parts Management				X		X						
Commercial Art				X					X		X	
Commercial Photography					X							
Building Maintenance				X								H
Carpentry	X	X	X	X		X	X	X	X	P	P	X
Aircraft Instrument Maintenance												P
Aircraft Sheet Metal & Fabrication												P
Airframe or Powerplant												P
Avionics												P
Electricity		X			X			X		P		X
Industrial Equipment Mechanics				P								
Machine Tool & Die			X									P

X — For High School — Post High and/or Adults

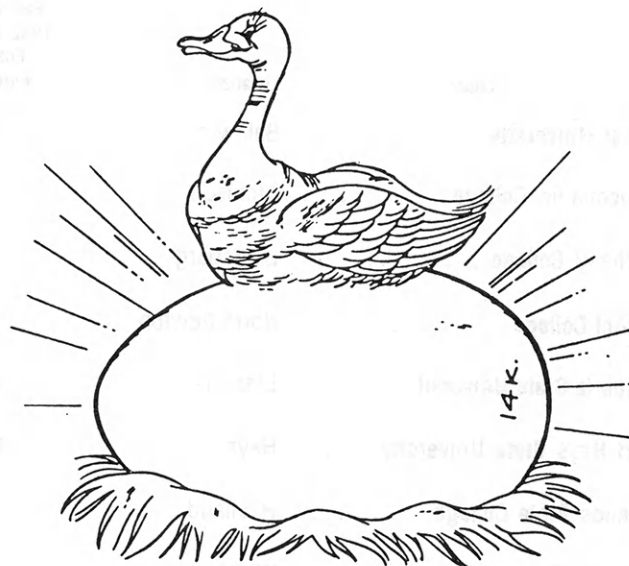
H — For High School Students Only

P — For Post High and/or Adults Only

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CAREER AREAS	AVTS CENTERS										
	NEWTON	ARKANSAS CITY	EMPORIA	KANSAS CITY	TOPEKA	LIBERAL	MANHATTAN	BELOIT	ATCHISON	GOODLAND	SALINA
Manufacturing Engineer Technician		P									
Sheetmetal Fabrication	X										
Heavy Equipment Operator								P			
Masonry/Bricklaying						X		X	X		X
Plumbing & Heating & Air Conditioning								X		P	
Custodial Service Cert.											P
Diesel Mechanic					X	X		P	X	P	X
Drafting		X		X	X	X	P		X	P	X
Industrial Electrician								X	X		X
Electrical Lineman							P				
Electronic Occupations		X	X	X		X	X	X		P	X
Telephone Communications Tech.										P	
Radio & TV Repair					X	X		X		P	X
Graphic Arts	X		X	X	X		X		X		X
Litho-Offset Printing	X		X	X	X		X		X		X
Machine Shop	X	X	X	X	X	X				X	X
Welding	X	X	X	X	X	X	X	X	X	P	X
Cosmetology		P		X						P	P
Plastics Occupations											
Law Enforcement Training		P									
Small Engine/Marine Repair				H	X						H
Motorcycle Mechanics											H
Cabinet Making											X
Coop. Ind. Training	H			H	X						X
Truck Driving											P
TECHNICAL EDUCATION											
Civil Technology					X						
Environmental Water / Clean Water										P	
Engineering Technology		P									P
Warehousing Distribution					X						



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## LIBERAL AVTS

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Liberal, Kansas 67901  
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## NORTH CENTRAL KS. AVTS

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## NORTHWEST KANSAS AVTS

Larry Keirns, Director  
1209 Harrison  
P.O. Box 668  
Goodland, Kansas 67735  
(913) 899-3641

# Kansas Four-Year Colleges

School	Location	Fall Semester 1982 - Equated Full-Time Enrollment	Type	Affiliation	No.	Scholarships
						Average Amt.
Baker University	Baldwin	827	Coed	Methodist	556	\$1,050
Benedictine College	Atchison	942	Coed	Catholic	300	\$1,200
Bethany College	Lindsborg	893	Coed	Lutheran	230	\$ 635
Bethel College	North Newton	630	Coed	Mennonite	400	\$ 600
Emporia State University	Emporia	4,795	Coed	State	650	\$ 400
Fort Hays State University	Hays	4,376	Coed	State	630	\$ 350
Friends Bible College	Haviland	120	Coed	Independent	97	\$ 500
Friends University	Wichita	657	Coed	Soc. of Friends	600	\$ 765
Kansas Newman College	Wichita	512	Coed	Catholic	145	\$ 500
Kansas State University	Manhattan	17,979	Coed	State	2,000	\$ 500
Kansas Wesleyan	Salina	456	Coed	United Meth.	175	\$ 790
Manhattan Christian College	Manhattan	214	Coed	Christian	70	\$ 250
Marymount College of Kansas	Salina	578	Coed	Catholic	324	\$ 833
McPherson College	McPherson	479	Coed	Brethren	Unrestricted	\$ 750
Mid-America Nazarene College	Olathe	1,147	Coed	Nazarene	600	\$ 600
Ottawa University	Ottawa	482	Coed	Baptist	420	\$ 835
Pittsburg State University	Pittsburg	4,570	Coed	State	600	\$ 500
Saint Mary College	Leavenworth	522	Women	Catholic	175	\$ 500
Saint Mary of the Plains College	Dodge City	534	Coed	Catholic	487	\$ 400 (renewable ea. sem.)
Southwestern College	Winfield	571	Coed	United Meth.	Unrestricted	\$ 850
Sterling College	Sterling	408	Coed	Presbyterian	225	\$ 800 (renewable for 4 yrs.)
St. John's College	Winfield	253	Coed	Lutheran Church Missouri Synod.	133	\$ 900
Tabor College	Hillsboro	403	Coed	Mennonite	250	\$ 450
University of Kansas	Lawrence	21,950	Coed	State	2,055	\$ 763
Washburn University	Topeka	4,457	Coed	Municipal	1,800	\$ 600
Wichita State University	Wichita	11,357	Coed	State	1,500	\$ 625

# Kansas Four-Year Colleges

School	Tuition & Fees Academic Year	Residence Hall Board and Room Academic Year	On-Campus Housing Capacity	WRITE OR CALL FOR INFORMATION
Baker University .....	\$3,375	\$1,990	536	Director of Admissions, Baker University Baldwin City, Kansas 66606. (913) 594-6451.
Benedictine College .....	\$3,700	\$1,880	1,100	Benedictine College, Director of Admissions, North Campus, Atchison, Kansas 66002. (913) 367-5340.
Bethany College .....	\$3,140	\$1,985	706	Director of Admissions, Bethany College, Lindsborg, Kansas 67456. (913) 227-3311 (Ext. 111).
Bethel College .....	\$3,520	\$1,975	620	Office of Admissions, Bethel College, North Newton, Kansas 67117. (316) 283-2500.
Emporia State University .....	\$ 756	\$1,550-1,870	1,538	Office of Admissions, Emporia State University, Emporia, Kansas 66801 (316) 343-1200.
Fort Hays State University .....	\$27.75 per credit hr.	\$1,658-1,916 (inc. 10, 15, or 20-meal plan)	1,599	Registrar & Director of Admissions, Fort Hays State University, 600 Park St., Hays, Kansas 67601-4099. (913) 628-4222.
Friends Bible College .....	\$3,450	\$1,525	131	Director of Admissions, Friends Bible College, Haviland, Kansas 67059 (316) 862-5252.
Friends University .....	\$3,525	\$1,650	188	Office of Admissions, Friends University, Wichita, Kansas 67213.
Kansas Newman College .....	\$3,210	\$1,860	277	Director of Admissions, Kansas Newman College, Wichita, Kansas 67213.
Kansas State University .....	\$ 898 (for 30 hrs.)	\$1,740	4,600	Director of Admissions, Kansas State University, Manhattan, Kansas 66506. (913) 532-6250.
Kansas Wesleyan .....	\$2,995	\$1,823	500	Director of Admissions, Kansas Wesleyan, Salina, Kansas 67401.
Manhattan Christian College .....	\$1,755	\$1,835	168	Director of Admissions, Manhattan Christian College, Manhattan, Kansas 66502. (913) 539-3571.
Marymount College of Kansas .....	\$3,225	\$1,825	288	Director of Admissions, Marymount College, Salina, Kansas 67401.
McPherson College .....	\$3,490	\$1,900	450	Director of Admissions, McPherson College, McPherson, Kansas 67460.
Mid-America Nazarene College .....	\$76.00 per credit hr.	\$2,100	980	Office of Admissions, Mid America Nazarene College, Box 1776, Olathe, Kansas 66061. (913) 782-3750.
Ottawa University .....	\$3,390	\$2,000	768	Director of Admissions, Ottawa University Ottawa, Kansas 66067. (913) 242-6445.
Pittsburg State University .....	\$ 726	\$1,948	950	Office of Admissions, Pittsburg State University, Pittsburg, Kansas 66762.
Saint Mary College .....	\$2,700	\$1,700	400	Director of Admissions, Saint Mary College, Leavenworth, Kansas 66048. (913) 682-5151 (Ext. 245).
Saint Mary of the Plains College .....	\$3,510	\$2,000	490	Director of Admissions, Saint Mary of the Plains College, Dodge City, Kansas 67801.
Southwestern College .....	\$3,050	\$1,895	506	Director of Admissions, Southwestern College, Winfield, Kansas 67156. (316) 221-4150 (Ext. 236).
Sterling College .....	\$3,600	\$2,100	551	Director of Admissions, Sterling College, Sterling, Kansas 67579. (316) 278-2113.
St. John's College .....	\$2,750	\$1,850	375	Wallace Behrhorst, Director of Admissions, St. John's College, Winfield, Kansas 67156. (316) 221-4000.
Tabor College .....	\$3,200	\$2,000	380	Director of Admissions, Tabor College, Hillsboro, Kansas 67063. (316) 947-3121.
University of Kansas .....	\$1,040	\$1,907-2,018	5,200	Office of Admissions, University of Kansas, Lawrence, Kansas 66045.
Washburn University .....	\$1,224	\$2,200	493	Registrar and Director of Admissions, Washburn University, Topeka, Kansas 66621.
Wichita State University .....	\$31.00 per credit hr.	\$1,900-2,000	860	Director of Admissions, Wichita State University, Wichita, Kansas 67208. 800-362-2594.

# Donors support 4-H scholarships

Kansas 4-Hers are eligible to apply for 25 scholarships totaling more than \$11,000 in 1983 (refer to chart).

The newest scholarship has been established in memory of M. Max Dickerson by his family and friends. The \$500 scholarship will be awarded to a 4-H Member who will be, or presently is, attending Kansas State University.

Applicants for the M. Max Dickerson Memorial Fund Scholarship must have completed three years of work in a traditional Kansas 4-H club and have carried at least one project each year. Additional criteria include holding at least one 4-H club office and participation in at least two out-of-county events. The recipient must be in the upper third of his or her high school graduating class or have earned a college grade point average of 3.0 to qualify.

Dickerson was a former county extension agent, banker and rancher. He was a member of the Board of Trustees of the Kansas 4-H Foundation, Inc.

Kansas 4-H Foundation endowments provide two \$400 scholarships in the names of former state 4-H leaders Glenn M. Busset and Roger E. Regnier. Busset served as state 4-H leader from 1966 to 1981; Regnier retired in 1966 after serving since 1958.

Applicants for the Glenn M. and Rosemary H. Busset 4-H scholarship must enroll in some field of agriculture or home economics and express a special interest in journalism. The recipient can use the scholarship at any Kansas tax-affiliated community college, college or university.

The selection criteria for the Roger E. Regnier Scholarship are: completion of

at least two years in a traditional 4-H club, entering college freshman or above rank, evidence of financial need and scholastic ability. The recipient must be in the upper third of the high school graduating class or earning at least a 3.0 grade point average at the university level.

The recipient can use the scholarship at any accredited community college, college or university.

Any 4-Her who has completed at least two years in a traditional 4-H club is eligible to apply for the J. Harold and LaVerne Johnson 4-H scholarship. The recipient is selected on the basis of exceptional scholarship, leadership and achievement.

The \$500 scholarship can be applied toward expenses at any public or private full-accredited university, college or

Scholarship	Amount	No. of Scholarships	When to Apply	Eligibility Criteria
Mary E. Border .....	\$400	one	During the summer following high school graduation. Applications due Sept. 1.	Economically disadvantaged, minority, or returning adult student
Glenn M. and Rosemary H. Busset .....	\$400	one	During the summer following high school graduation. Applications due Sept. 1	Agriculture or Home Economics major with demonstrated interest in journalism
M. Max Dickerson Memorial .....	\$500	one	Completion of high school or freshman year in college. Applications due Sept. 1.	Scholarship, leadership and achievement
J. Harold and LaVerne Johnson .....	\$500	one	Completion of high school or freshman year in college. Applications due Sept. 1.	Scholarship, leadership, and achievement
Roger E. Regnier .....	\$400	one	During the summer following high school graduation. Applications due Sept. 1.	Scholastic ability and financial need
Electric .....	\$100	one	During the summer following high school graduation. Applications due Sept. 1.	Scholarship, leadership, and achievement
Union Pacific .....	\$500	seventeen	Senior year in high school. Application deadline to be announced.	Must be a resident of certain Kansas counties (See footnote). Must be in upper 25% of high school graduating class.
N. T. Veatch .....	\$300 - can be used for college expenses or an approved educational trip	one	Junior or senior year in high school or freshman or sophomore year in college.	Scholarship, leadership and achievement
Ship Winter .....	\$500 - can be used for agriculture degree or short course, or purchase livestock	one	Immediately following high school, one year after high school, or freshman year in college. Special Ship Winter Grant-in-Aid application form required.	Completed 3 years of 4-H work in ag-related projects. Upper 15% of high school graduating class

**See 4-H Award Program 1983 publication for additional information about state and national 4-H scholarships.**

Footnote: Eligible counties for Union Pacific Scholarships: Brown, Cloud, Dickinson, Doniphan, Douglas, Ellis, Ellsworth, Geary, Gove, Graham, Jackson, Jefferson, Leavenworth, Lincoln, Logan, McPherson, Marshall, Mitchell, Nemaha, Osborne, Ottawa, Pottawatomie, Riley, Rooks, Russell, Saline, Shawnee, Sheridan, Thomas, Trego, Wallace, Washington, Wyandotte.

vocational school. The Johnson scholarship trust fund was organized and developed by a committee from Sedgwick County, chaired by Joe Wetta.

J. Harold Johnson was the first permanent county 4-H agent in Kansas, serving in Sedgwick County from 1927 to 1934. He was state 4-H leader from 1945 to 1958, and then became the first executive director of the Kansas 4-H Foundation. He currently serves on the Board of Trustees for the Kansas 4-H Foundation, Inc.

Mary E. Border, a former specialist in the state 4-H office, established a scholarship trust fund to provide one \$400 scholarships a year to an economically disadvantaged or minority 4-Her. Adults returning to school also are encouraged to apply. Applicants should have completed at least one year of 4-H work.

The Border scholarship can be used at any accredited college, university, community college or vocational school.

Establishing and administering 4-H scholarships is one of the services provided by the Kansas 4-H Foundation.

Persons or clubs wishing to contribute to any of the scholarship endowments may do so by designating their donation to the Kansas 4-H Foundation and the selected scholarship fund.

The five scholarships are awarded the same way. One-half the scholarship is awarded upon enrollment the semester following selection. Since the selection is made during the fall semester, the student usually receives the first installment of the scholarship during the spring semester of the freshman year. The remaining portion of the scholarship is awarded the following semester, assuming the scholarship criteria are met.

To apply for these scholarships, request the Kansas 4-H Scholarship application form from your county extension office. Complete the form and attach your 4-H record book. Applications are due in the State 4-H Office by September 1. The State 4-H Scholarship committee chooses the recipients.

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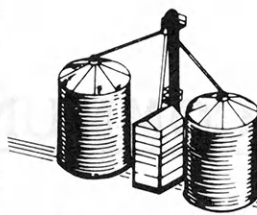
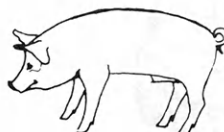
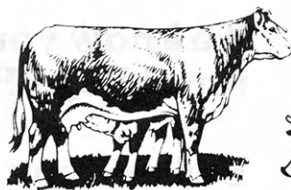


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# Studying, worrying, making friends Students talk about college survival

by Kathleen Ward  
Assistant Extension Editor, 4-H & Youth

Whether their college choice is down the block or across the state, many seniors wish they knew better what to expect when they leave the comfortable familiarity of their high school for higher education. What problems could they face? How should they cope?

Eight Kansas college students — all of whom have thought through the problems they had or are still having — agree each collegian faces unique difficulties. And those first-year traumas can send many freshmen packing for home.

Their problems seem to fall into similar categories, however. The eight students' solutions for surviving also resemble each other's, particularly those related to skills they learned as long-time 4-H members.

Hayley Matson, a junior in home economics extension at Kansas State University, believes her most difficult problems cropped up before she went to Manhattan.

"The anticipation was hardest," she says. "There were so many unknown things."

## Personal Problems the Worst

Although some were excited and others worried before arriving at school, all eight soon found that most of their hard problems weren't all that related to the college itself.

"There's leaving your parents and being alone," points out Shane Jarvis, freshman in farm and ranch management at Colby Community College. Shane admits with a laugh that he still takes his sheets home for his mother to wash. He adds, "You've got to learn to wash and fold some and to keep your room neat. But that's probably not as big an adjustment as you'd think. What's hard is finding how to kill all your spare time."

Jeff Williams, sophomore in business administration at Kansas University, found the same difficulties: "It was hard for me to be away from the daily routine, to have all the familiar things taken away. All that free time kind of bogged my mind at first — getting used to the fact that studying and going to class were the only things you *had* to do!"

Michelle Nyhart was part of Agra High School's 11 graduates last spring and now is a freshman at K-State. Her small class had done everything together. They were like family. Eight of the 11 went on to college, but only Michelle decided on Manhattan.

She jokes that she learned to define "time to wash" as when she found only single, unmatched socks in the drawer. She remembered to change sheets only after her mother came to visit, weeks after school began, and asked pointed questions. But handling the things Mother used to do wasn't Michelle's biggest hurdle.

"Back home I didn't have to prove myself. Everybody knew me — had known me from way back when," Michelle says. "Here they take it for granted you can't do anything until you prove that you can. It was hard to say, 'Hey, I'm here!' It was weird to have no support group behind you."

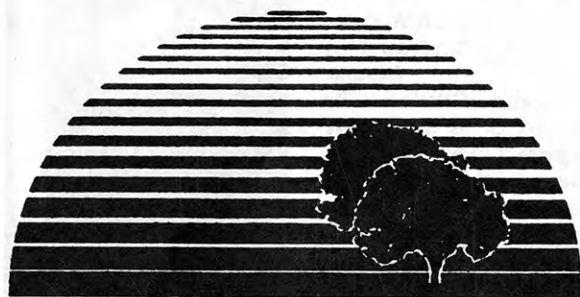
Ruth Spexarth, sophomore in nursing at St. Marys of the Plains, found that having to cram her stuff into a small

room and then trying to study with a roommate nearby were her hardest adjustments. But her younger sister, Alice, had different problems this year.

"Alice is more of a homebody. She was used to making meals and talking with Mom in the kitchen. She really misses her high school friends. We've had a couple of tear jerkers in my room," Ruth says. "Alice didn't even pack until the day before we left for college."

Finances made Mary McHenry decide to commute from her home south of Derby to Wichita State University, where she's a sophomore in business and accounting. She's discovered people who live off campus are also affected by the empty free time and lack of familiar contacts.

"I caught what people here call the Parking Lot Syndrome," Mary explains. "When you've got the syndrome,"  
(cont. on pg. 16)



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**Glenda Krug**  
GCCC nursing student  
Garden City

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**Alan Wagner**  
GCCC Freshman  
Tribune

I picked Garden City because of its field study program. I looked at some other schools but they just didn't have the ag department that Garden had.

I like my teachers so well because anytime you need help, they'll stop whatever they're doing. It's on a real individual basis."



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you go to the parking lot, leave your car, go to class, go back to the parking lot, get into your car and then leave. You don't stay on campus and get involved. The syndrome is especially strong at a place like WSU, where the majority of students live at home."

Commuters with farther to drive can find even more time that's hard to fill with anything interesting.

"I live at Wright and drive 17 miles into Dodge City Community College," points out Brenda Grasser, freshman in fashion merchandising. "I like staying around here, but that's a lot of driving."

Those who live in a dorm may find more problems than Ruth's small room. The students also mentioned college food could be less than exciting.

Extra food was only one reason, however, that stretching money to last a whole semester could be difficult.

Mike Bishop holds down two jobs and lives at home while attending Pittsburg State as a junior in pre-law. He's only too aware of how much it costs to go to college, but still finds tuition a shock every semester — as well as having to start again from ground zero, saving for the next big payment.

All eight find they can handle college subjects with a bit more work. But all mention that being in charge of your own classroom life can be a problem.

They point out freshman classes tend to be big, so teachers don't take a personal interest in whether each student is doing well. Usually college students don't go to the same classes every day. They can easily forget homework between class meetings. No one pushes college students to study or to make it to their next lecture.

In some classes a semester exam unlike anything in high school determines the entire grade. In others students are writing or speaking almost all the time. In and out of class they can find a strange range of opinions and ideas, some of which may be hard to handle.

Because they're new, freshmen also may take advice too easily.

"I went to see my advisor. She said I had such a good background and that my ACT was high; I'd have no problems with 19 hours," Michelle says. "I really got bummed out for awhile. I wasn't doing well at anything because it was just too much to do."

Michelle found admitting she needed help was also hard. "But I finally got up nerve to talk to my English teacher. I got help from the girls in the house that had had the classes before. I dropped some hours. It's just going super now."

### Each Believes "My College's Best"

Each of the eight found his or her choice of approach to college had unique advantages.

"I was ready for the transition," Hayley remembers at K-State. "Living in the dorm was great. Everyone was in the same situation — feeling kind of lost. You had people to identify with and make friends with."

Shane thinks Colby is just the right size: "It's a lot easier to adjust to a community college experience, I'd say. Out here you get to know practically everybody. You don't meet too many strangers after awhile."

Jeff Williams missed riding and caring for his show horse every day, but found KU seemed "like coming home" after having been a student at a large Topeka high school.

Michelle discovered going to school where your brother and sister do can be a big advantage.

Ruth likes her small, religious college: "If things aren't going well or you don't want to talk, you can go to the church and just sit. The priest and sisters are right at school. We have a lot of non-Catholics and they'll ask the priest for help, too. But St. Marys isn't really strict."

Mary, Brenda and Mike point to the advantages of saving money by living at home, getting day-to-day help from parents and going to a nearby school where you're more likely already to know people.

Mike adds, "If I need to study, I go to my room and there's no trouble, no noise like there'd be in a frat or dorm. I eat when I feel like it, come home when I feel like it. My parents are really understanding and that helps. I suppose living at home cuts into my social life. I feel responsible for showing up occasionally. But I think it's helped keep me straight. It keeps me from going out and getting drunk or blowing off classes all the time."

### Adjusting Takes Involvement, Discipline

Each also agrees, however, that college took some adjustment. And the biggest step toward that adjustment was finding a small group to join. That helped the eight find a base of friends and gave them a source for fun, advice and the courage to get more involved.

Hayley joined Collegiate 4-H: "You don't have to have been a 4-H member before. We do lots of service and have lots of fun. It's a good way to establish contacts." She also joined a club for majors in extension education: "Major-related clubs help you see if you're really interested in that field. And they're a good way to make friends in your part of the college."

Hayley's now a sorority member, an officer in numerous clubs and a member of the junior class honorary.

Shane and Ruth easily found a group at their school. Shane went to Colby on a livestock judging team scholarship. Ruth had a basketball scholarship at St. Marys.

Jeff and Hayley applied for and won spots in scholarship houses. They live with a small group and receive reduced rates on room and board, in exchange for about six hours of housekeeping chores each week.

Jeff also joined KU's rowing team. Hayley signed up for K-State's choral group and became a fraternity's "little sis."

Brenda registered for a class that's also an extra-curricular activity, Dodge City's drill team.

Mary and Mike both joined religious clubs. "Our Newman Club is really a party group," Mike jokes.

Mike decided to run for an at-large student senate seat his freshman year, too. He's won a seat at Pittsburg State every year since.

All eight found that being active in 4-H in high school — and then missing that activity at college — gave them the push they needed to become joiners. The club meetings, trips, contacts and camps they'd attended in 4-H also gave them a head start on knowing how to interact with people and accept their differences.

"I guess I just have no fear of people anymore," Ruth says. "Here at St. Marys they call me the Welcome Wagon. I went on a 4-H trip to Washington, D.C., four weeks before I went to college and learned how to get along with all kinds of people. You've got to keep things rolling and keep happy. Otherwise, you'll have a dull day."

"I've been in 4-H a long time," Shane adds. "So, I'm not

as shy around people as I used to be. It gets easier all the time."

Hayley has a 4-H T-shirt she finds attracts people into talking about their common experiences every time. She, like the others, often discovers the people are former 4-H members that she met years ago at statewide activities.

All eight also found that having had some leadership experience in a group, such as 4-H, and knowing how to talk in front of others can be a big help in becoming better known.

(cont. on pg. 20)

## Parents, if your son or daughter is interested in an agribusiness career, you can't afford to miss this message...



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JCCC's new agribusiness program includes courses in agriculture, business, science and general education (courses will transfer). It also offers another big advantage—an internship program where students can gain hands-on experience by working in the field.

For more information about Johnson County Community College's new agribusiness program, call Dr. Paul Shilling, agribusiness director, at 541-3821, or the JCCC Admissions Office at 541-3803.



# LEADERSHIP DEVELOPMENT IS THE KEY

## Announcing the 1982 Kansas 4-H Key Award Winners



**O**f all the honors that can be gained in 4-H work, none is more prestigious than the Kansas 4-H Key Award. Regulations for Key Award consideration are stringent; only one percent of the state's members are given this recognition each year. Candidates must be at least 16 years of age by January 1 and must meet mandatory requirements which include completion of a minimum of three years of club work and enrollment in junior leadership for two or more years.

In addition to these and other basic qualifications, each nominee for the 4-H Key Award must have demonstrated outstanding

contributions in leadership, citizenship, and community service. Exhibits, demonstrations, judging, public relations work, the holding of offices, and evidence of handling increased responsibilities in projects are also considered when determining whether a 4-Her has earned this honor.

With so many factors considered, the 4-H Key Award obviously is recognition for leadership development. Simply stated, it recognizes members who have lived up to the high ideals expressed by the 4-H pledge. It is an award to strive for with determination ... to win with a feeling of accomplishment ... and to wear with pride. Congratulations, winners!

### Allen

James Gager  
Daneen Brock  
Marianne Butts  
Pamela Wolford

### Anderson

Monique Sprague  
Steve Weatherman  
Michon Weingartner

### Atchison

Marcia Brox  
Brenda Fasse  
Shelby Hoobler  
David Sternsdorff

### Barber

Monte Thom  
Angela Bland  
Jan Angell

### Barton

DeAndra Clark  
Connie Mauler  
Doug Burnette  
Kevin Plowman

### Bourbon

Donetta Grimes  
Marsha Russell  
Susan Reed

### Brown

Betsy Herbster  
Van Larson  
Lori Schumann

### Butler

Grace Chapman  
Cran Chase  
Julie Gray  
Tim Schneider  
Geana Shannon  
Sherri Simmons  
Craig Tribble  
Rebecca Young  
Greg Carver

### Chase

Jana Crawford

### Chautauqua

Lorri Boone

### Cherokee

Suzanne Herron  
Diane Meyer  
Clayton Hibbard

### Cheyenne

Deana Knapp

### Clark

Amber Snell  
Vera McMinimy

### Clay

Marlin Mugler  
Derek James

### Cloud

Shelly Dorman  
Monica Bachamp  
Paula Dillon

### Coffey

Brad Spielman

### Comanche

Connie Darnell

### Cowley

Janell Haggard  
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**Close to the Land ...  
and the people who work it.**

"I was asked to join the business organization because they were going up for a contest and wanted somebody with the ability and training to lead a group," Mike says. "In the senate a lot of people don't know parliamentary procedure very well. A lot of things they want changed just don't happen, because they don't know the system."

Hayley says teachers have commented that she must have had 4-H experience, because she's so calm in class presentations.

"If you've done a lot of 4-H public speaking, you can look like you're in charge, even if you don't know what's going on," Hayley adds. "In the scholarship house at our first freshman class meeting, we were all sitting around, not knowing what to say. So, I got up and said, 'All right. We've got to band together. These upperclassmen are probably going to do something really bad to us.' Everyone laughed — and later elected me president!"

Jeff says his 4-H leadership experience was the deciding factor in his getting a spot in the KU men's scholarship house. He also was a 4-H horse judge, which requires young people to explain their reasons for placing animals in a certain order.

"You'll not believe how that's helped me cram for tests," Jeff says. "Tests are a clutch situation, too, like being in a judging contest. A lot of kids just wig out under the nervous tension. But I'm used to having to make the decision and then spill the beans to a total stranger on why I placed things the way I did."

Shane's livestock judging has helped him, as well. "You've got to have a confident voice and act like you're convinced you're right, even if you aren't. That helps a lot

when you're giving your ideas. You can't just disappear on the back row. You've got to get involved in class if you want to understand what's going on."

Ruth remembers being terribly frightened by her first 4-H leadership job. But she soon learned to enjoy leading and found all it is is "all of us working together, with me a little bit ahead, but not bossing everybody around." Ruth's now the president of her nursing club and of St. Mary's sophomore class.

Some of the eight learned 4-H project-related skills that are helping them through college. Ruth's sewing project has led to her having college clothes. Mike's photo project taught him the skills for one of his two jobs. Brenda's home economics projects taught her fashion and judging skills she's using not only in her major, but also in her job at a local clothing store. Shane first judged livestock, which now is helping pay his way through school, in 4-H.

But all eight point to self-discipline and a sense of responsibility as the other major college-survival skills they've needed.

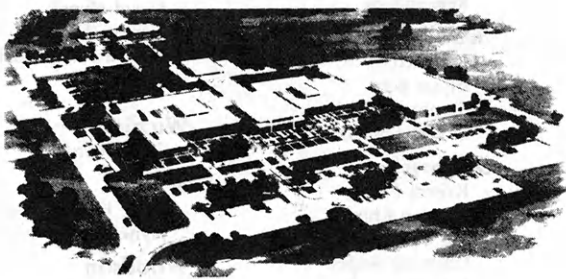
"My parents weren't into horses that much, so as soon as I was able to drive, they sent me off to the 4-H shows by myself. That helped me learn to be more responsible — make the money last, get up and go to class, make my own dentist appointments, get the transmission on the truck fixed myself," Jeff says. "Some people I've met here have no concept of taking care of themselves or making themselves do the things they have to do."

Ruth points out, "First semester some people just partied all the time. They're not back this year. You have to learn to discipline yourself to study, to survive. I come from a disciplined family, but 4-H taught me you've got to get this thing done, get it done completely and right, and then go onto something else."

Mike went to a private high school, which he says now looks like "cake" in comparison to college. The only writing he'd done before he went to Pittsburg State was 4-H record books. The only important deadlines he'd had were dates for getting those record books in.

"Except for 4-H, I wasn't prepared," Mike says. "But I learned the best thing to do is start studying and keep it up the whole semester. You have a tendency to start by studying well and then kind of sluff off at mid semester. But you need the whole class to build on through the rest of the year and the rest of your major."

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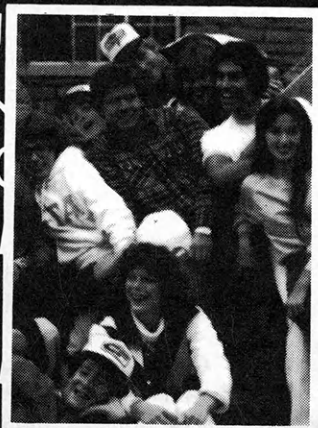
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# Turn a hobby into a career

by Heidi Bright  
Senior, Agricultural Journalism, KSU

Combining a hobby with a career is a dream for most people, but for those whose hobby is horses, the dream can, in some cases, become a reality.

The industry is large enough to support a variety of career opportunities. There are more than eight million horses in the United States, worth more than \$6.5 billion. Owners spend billions of dollars on feed, tack, medication and services for the horses every year.

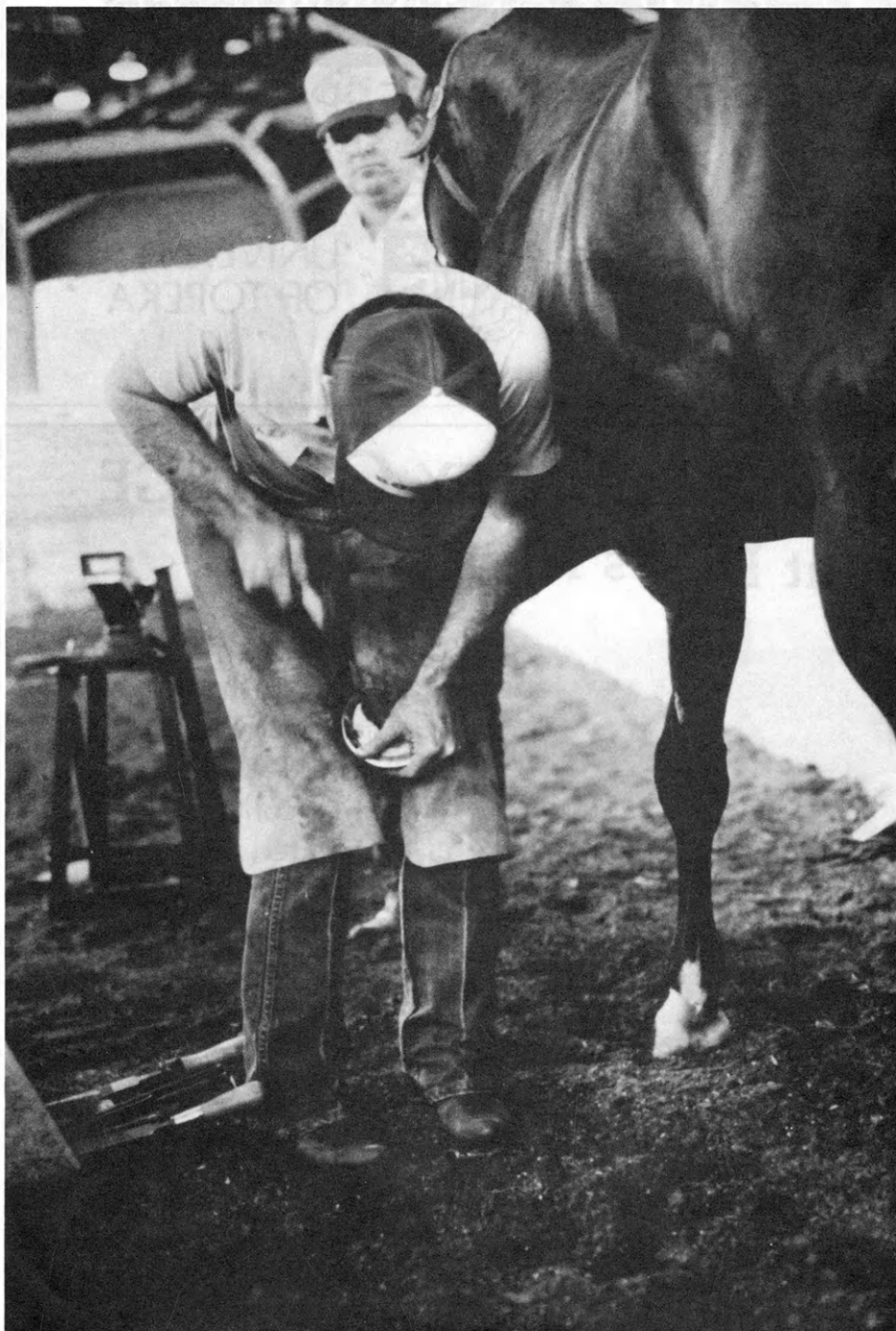
About 20 percent of the horses are used in profit-oriented activities, such as racing. The other 80 percent are used for recreation, according to the 1982 Horse Industry Council Directory published by the American Horse Council. The recreational use includes pleasure riding and showing at horse events. In 1979, an AHC survey revealed that 7,348 nationally-sanctioned horse shows generated more than \$96 million in revenue.

Involvement in the horse industry and success in a career with horses requires adequate preparation. This usually includes a college education, according to Dennis Sigler, professor of animal sciences at Kansas State University.

An early interest in horses can lead to career possibilities including training, breeding farm management, the manufacturing, sale and distribution of horse products, sales management, auctioneering, writing or selling advertising for an equine publication, teaching, research, equine nutrition, equine genetics, horse shoeing, extension or equine veterinary medicine.

Sigler suggests talking to several reliable people in the industry to get advice on how to prepare for your career. A well-rounded college education is useful, particularly if management and nutrition classes are included in the curriculum, he added.

You don't have to go to college to get an education, however. Other options include farrier school, riding school or



other specialized programs. Another option is to work as an apprentice under a horse trainer for three or four years.

A successful trainer needs to know how to advertise, manage money and manage a horse operation as any business should be run. "All horse trainers that have been extremely successful are also businessmen," Sigler said.

According to Pete Gibbs, Kansas' first horse extension specialist, education is important even for the trainer. "A person does not necessarily have to have a college degree to be successful," he said. "However, in many situations it may be beneficial from management planning and 'people sense' viewpoints. Education is important to train yourself for whatever might come along in life."

A bachelor's degree in agricultural journalism prepared Richard Chamberlain for his current job as Editorial Assistant at *The Quarter Horse Journal*.

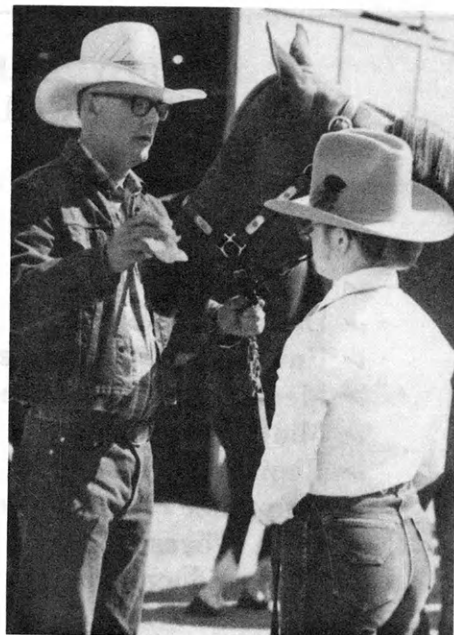
But there is more to preparing for a

career in agricultural journalism than just a college education. Naturally, writing experience is crucial. The best way to learn to write well is to read good writing and analyze it, Chamberlain said.

Another preparation step is working in agriculture. "If you haven't worked, I mean sweat-dripping work, you'll never fully understand all the problems of agriculture. You have to work at it and you have to start at the bottom and work your way up. That's what it takes," he said.

Success in ag journalism, Chamberlain said, depends on your dedication and your talent. The first-class journalists will probably get the good jobs, but the rest of the people won't get much, he concluded.

Horses are a favorite hobby for many people, but it takes a person willing to work hard and study in college or another level of education, to turn this hobby into a paying job.



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CCC livestock judges launched the 1982-83 season winning the championship trophy during competition at San Francisco's Cow Palace in October. Team members include (from left): Coach Nick Wells, Leland Clark, Barnard; Keith Conine, Scott City; Todd Barrows, Ness City; Connie Ferguson, Kensington; Marcine Shaner, Lebo.

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# Volunteer experience pays off in the work world

by Christine L. Buchanan  
Assistant Extension Editor,  
Publications



A volunteer for the past 30 years, Janice Hardenburger of Washington County now has a secretary in her paid job in Kansas City.

When Bev Bradley of Lawrence and Janice Hardenburger of Haddam fill out job applications, their paid work experience takes only a line or two. But their volunteer work consumes pages.

For both of them, skills learned as volunteers have brought considerable success in the work world.

Bradley has parlayed unpaid roles in 4-H, Red Cross, politics, church and university into the chairmanship of the Douglas County Commission.

Hardenburger, a 30-year volunteer in 4-H, extension and politics, now gets a regular paycheck as director of public affairs in the regional office of Health and Human Services, Kansas City, Mo. She stays in an apartment in Kansas City during the week and returns to her Washington County home on weekends.

Both credit their experience in dozens of volunteer roles with preparing them for the responsible positions they hold today.

For Bev Bradley, 4-H goes back to  
(cont. on pg. 27)

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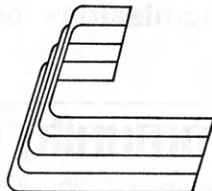
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her years as a member in Montgomery County. Returning what she had received, eventually she became a club leader and even organized a new club.

She initiated one project because she had sons who were worried about leaving home without knowing how to mend, do laundry and cook. So she started a 4-H class in Bachelor Basics, and now that three of her and William Bradley's five sons live alone, she figures that particular project served them well.

It was these same sons who took her out of the work force after she had taught high school home economics one year. Staying home to care for them, she took on many non-paying responsibilities. One day a week she served as a teacher's aide in the first grade.

The Red Cross got part of her time, as did her church where she taught Sunday School and was superintendent. Then she got involved in politics, baking cookies, addressing envelopes and became precinct committeewoman.

Serving her alma mater, Kansas State University, she served on the alumni board, and from June 1979 to 1981 was president of the alumni association. The Bradleys are hosts for the popular annual K-State picnic, even though they live in Jayhawk territory.

Her first attempt to enter politics on a larger scale came in 1976 when she was elected to the Douglas County Commission. Reelected for a second term in 1980, she has been named by the three-member board to serve as chairperson.

Because she has been a volunteer, Bradley believes she has an excellent understanding of the many boards for which she must make appointments. Leadership is another strength she developed through those years of "dealing with lots of different situations."

Working with people has always been an important part of her life, and she makes use of that skill now that she is "Beverly Bradley, the woman who chairs the commission."

Like her counterpart in Lawrence, Janice Hardenburger taught school for one year after graduating from K-State. Her husband, Bill, was in the Air Force, and they lived many places before returning to a ranch in Washington County.

From 1956 until September 1981, when she accepted the job in Kansas City, Hardenburger held no formal

position. But she did hold many important roles.

"4-H was really my first experience in volunteering," she recalls. Joining as a high school student, she soon became a project leader as well. "What 4-H provides in leadership is impressive."

Among opportunities she lists are taking leadership roles as officers; choosing projects; setting goals; competing with yourself and others; making speeches, from the simplest project talk to more complex presentations.

In addition to her work with 4-H, Hardenburger led tailoring workshops for Washington County Extension and got deeply involved in local politics.

But what, specifically, happens dur-

ing volunteer activities which would prepare someone for a well-paying job?

- There's the opportunity to organize.
- Volunteers get a chance to lead.
- They learn to communicate ideas.
- They discover how to delegate responsibility.
- They learn to formulate ideas.

"All the key words that go with leadership," Hardenburger says.

"I think volunteerism results because people care," she says. However she considers volunteer work a two-way street. "The person giving also grows from the experience."

The growth that Bev Bradley and Janice Hardenburger experienced paid off with a paycheck.

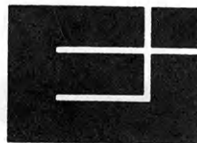
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As part of the winning 4-H club in Kansas in the safety program, eight members and two leaders of Glittering Stones 4-H Club will go to Kansas 4-H Congress. Donor of the trip is the Safety Division of Kansas Farm Bureau.

Glittering Stones 4-H Club organized eleven committees to work on safety projects throughout the year, involving every club member, and many 4-H and community families. Activities included:

- Making and distributing "safety spooks" and tips for a safe Halloween.
- Tagging Christmas trees with safety suggestions.
- Collecting 2,190 old medicine bottles and aerosol cans.
- Sponsoring CPR courses for the club and the public.
- Starting a rural locator file to help ambulance drivers locate rural homes during an emergency.

Other 4-H clubs whose members did outstanding work in safety are:

Sand Springs Rustlers .....	Dickinson County
Sharon .....	Johnson County
Hoot-N-Holler .....	Miami County
Rustlers .....	Nemaha County
Best Yet .....	Neosho County
Tiny Toilers .....	Pawnee County
Victory .....	Pottawatomie County
Union Valley .....	Reno County
Sunflower .....	Russell County

These clubs will receive \$25 for their club treasury, and a scholarship for one member to go to the Kansas Farm Bureau Safety Seminar at Rock Springs Ranch. The 4-H members who go must be 14 or 15 by May 31, 1983.

Think about how important safety is in your home, on the highway, at school and at work. Think what your 4-H club can do to make these places safer. Set your goal to work together to make your community a safer place to live.

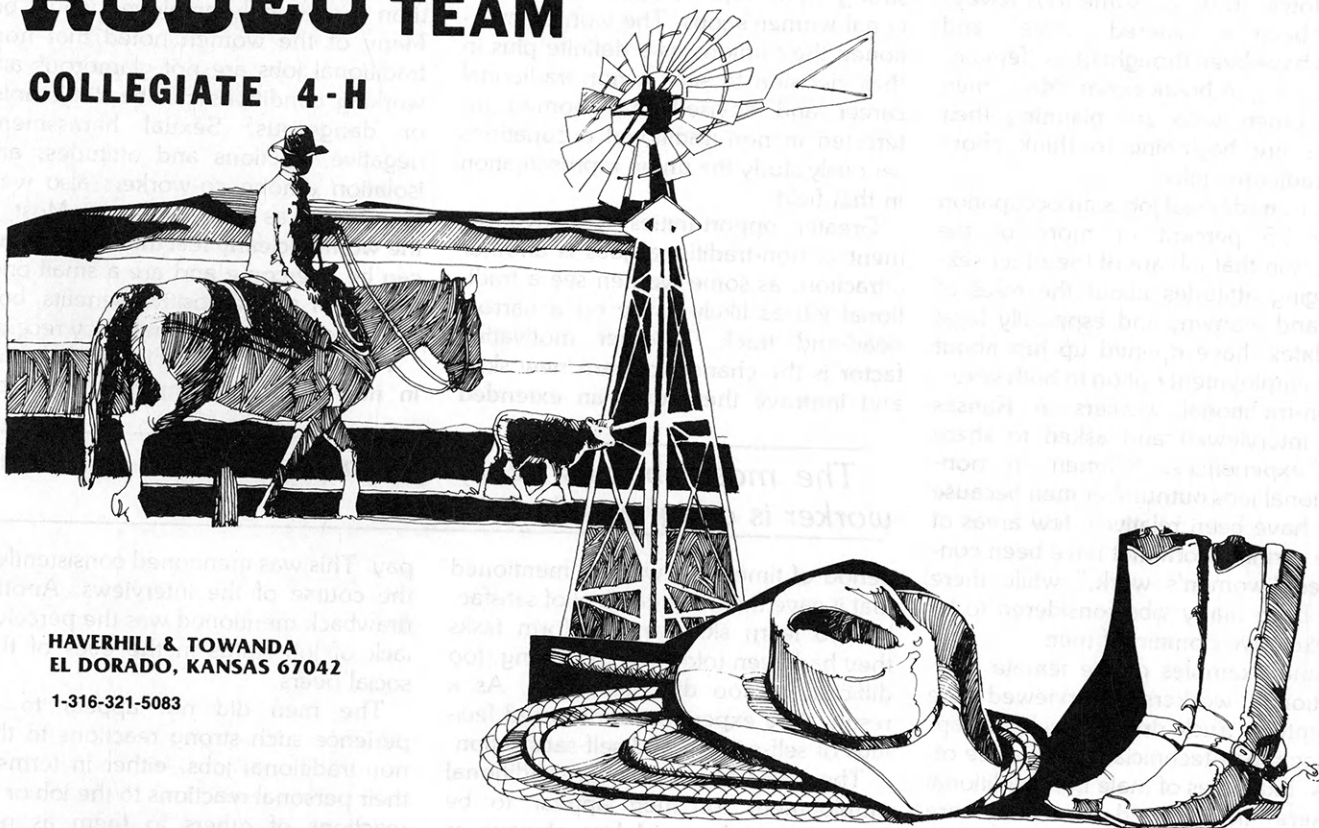
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# Workers share pros & cons of non-traditional jobs

by Lisa Brown  
Kansas CAREERS

The sharp sex-segregation of the labor force, in which some jobs always have been considered "male" and others have been thought of as "female" is beginning to break down. Many men and women who are planning their careers are beginning to think about non-traditional jobs.

A non-traditional job is an occupation where 75 percent or more of the workers in that job are of the other sex. Changing attitudes about the roles of men and women, and especially legal mandates, have opened up just about every employment option to both sexes.

Non-traditional workers in Kansas were interviewed and asked to share their experiences. Women in non-traditional jobs outnumber men because there have been relatively few areas of wage earning work that have been considered "women's work," while there have been many jobs considered to be the exclusive domain of men.

Some examples of the female non-traditional workers interviewed are carpenters, truck drivers, welders, appliance repair technicians and police officers. Examples of male non-traditional workers interviewed are day-care attendants, clerical workers and licensed practical nurses. Each worker cited several advantages and disadvantages of being a non-traditional worker.

The most obvious benefit for a female non-traditional worker is a higher salary than she could make at a more traditional job, with a higher standard of living as the result. Many of the women indicated they were amazed to discover how much more money they could earn in a non-traditional job; some women earned twice as much or more. Many of these women entered non-traditional jobs because of financial need caused by divorce, a husband going back to school or simply a need to boost the family income. The economic rewards are a primary reason for women entering non-traditional jobs.

Also cited as important incentives were more job security and better employee benefits. Male-dominated oc-

cupations are much more likely to have strong union representation than traditional women's jobs. The women mentioned their unions as a definite plus in their decision to seek a non-traditional career and advised that women interested in non-traditional occupations seriously study the union representation in that field.

Greater opportunities for advancement in non-traditional jobs is another attraction, as some women see a traditional job as likely to be on a narrow dead-end track. Another motivating factor is the chance to learn new skills and improve them over an extended

period. This was mentioned consistently in the course of the interviews. Another drawback mentioned was the perceived lack of job status in the eyes of their social peers.

supervised more closely and compared more stringently to experienced workers than a new male employee would be. Many of the women noted that non-traditional jobs are not glamorous and working conditions can be dirty, noisy or dangerous. Sexual harassment, negative reactions and attitudes, and isolation among co-workers also were mentioned as disadvantages. Most of the women clearly feel that these pitfalls can be overcome and are a small price to pay for all the positive benefits, both professional and personal, they receive.

For men, the single biggest drawback in non-traditional employment is low

---

## *The most obvious benefit for a female non-traditional worker is a higher salary ...*

---

period of time. The women mentioned that it gave them a great deal of satisfaction to learn skills and perform tasks they had been told were too taxing, too difficult, or too dirty for them. As a result, they experienced increased feelings of self-esteem and self-satisfaction.

The pleasures of non-traditional employment for men appear to be fewer in number and less obvious as well. The men were at times hard-pressed to name specific good points of being a male non-traditional worker. However, good points that were mentioned included the chance to enjoy a less pressured environment, a greater chance for advancement because they are male, and positive reactions from female colleagues.

None of the men interviewed had experienced negative attitudes or remarks from supervisors or co-workers, or incidents of sexual harassment or put-downs as a reaction to their non-traditional role.

There are several drawbacks for women in non-traditional jobs although all of the women interviewed felt the positives outweighed the negatives. Among the disadvantages cited were the pressure to work harder and perform better. Most reported they were

pay. This was mentioned consistently in the course of the interviews. Another drawback mentioned was the perceived lack of job status in the eyes of their social peers.

The men did not appear to experience such strong reactions to their non-traditional jobs, either in terms of their personal reactions to the job or the reactions of others to them as non-traditional workers. They did not seem to experience either the highs or the lows the women reported. While the women emphatically agreed that it is likely that more women will be getting into jobs which have traditionally been considered suitable for men only, only one man was hopeful that more men would get into his field.

Eventually there may be no distinction between "men's jobs" and "women's jobs." One non-traditional worker said, "To break it down into women doing this, and men doing that ... I hope that attitude's changing, because everybody, man or woman, has the potential to do whatever they want, whatever they feel they can do." Hopefully their example and progress will ease the transition and serve as an inspiration for future non-traditional workers.



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# Choosing a home computer

by Assadollah Hamedani  
graduate student, Educational  
Media & Technology  
Dept. of Curriculum & Instruction,  
Kansas State University

We're used to computers at the bank, computers at the grocery store and even computers in some cars. Some families are becoming accustomed to microcomputers in the home. If you're in the decision-making stage, you may be wondering how a computer can be an asset in your home.

If the cost of a home computer seems prohibitive, consider the following comparison. Four teenagers spending \$20 each a week playing arcade computer games would spend enough in one or two months to pay for a basic home computer.

One of the most popular uses for home computers is for games and simulations. These can serve an entertainment or educational purpose. Micro-

computers can create or simulate football plays, space ships or frightening monsters. Instructional programs can provide drill for known concepts or enrichment for unknown concepts. Most students enjoy the feedback and graphics included in the educational programs.

Another application is using the computer as an information bank to store and manipulate data. Examples of this capability are keeping track of expenses, analyzing stock market investments or reviewing contracts.

On a larger scale, the self-employed family who farms can benefit from computer control of grain ratios for feeding livestock, individual and combined analysis of livestock gains and yearly crop analysis.

Microcomputers also can be used as word processors which store information in the computer memory. Later the information can be retrieved for composing articles, essays or letters.

As a word processor, the microcomputer becomes the fastest tool to arrange ideas. The computer operator can delete words, phrases, sentences and paragraphs by punching one or a few keys and can reposition paragraphs easily. A printer can be attached to the microcomputer to print out a final copy on paper.

The home computer can be linked to a larger computer system through telephone connections by using a piece of equipment called a modem. This gives the family access to a variety of data sources and effectively increases the memory capacity of the home computer.

Before making a computer choice the family needs to analyze what their needs are — whether they intend to use the computer for entertainment, education, word processing or data analysis. Other factors to consider are memory capacity, expansion possibilities, local

(cont. on pg. 33)

repair service, warranty and price. Availability of compatible software (package of instructions that the computer uses to perform a function) is another consideration.

The memory is the amount of material the computer can store and is measured in kilobytes (K). One kilobyte is equal to 1024 units of computer data. If one intends to practice very simple BASIC programming, a memory of 1-8 K would be sufficient. Some commercial programs require a memory size of 8 K or more. For word processing purposes, mass storage on one or more diskdrives would be required.

If the computer system is expected to grow with the family, select a system which has additional hardware (equipment) available. Since most family members are not professional computer programmers, the availability of software also should be considered.

A variety of software is on the market for entertainment, educational, household, utility and business pur-

poses. The entertainment packages include sports games, adventure games, racing games, chess, checkers and backgammon. Math, science, language arts and social studies programs are designed to teach students or review known concepts. The utility programs allow the user to write programs, using computer languages such as BASIC, COBOL, FORTRAN or PASCAL. Special business software packages are designed to handle payroll, accounting or inventory functions.

Check the warranty to determine adequate coverage for repairs or replacement. Since most people could not repair a home computer it's important to have access to a local dealer.

Plenty of resources are available for a family selecting a home computer or adding to their current system. Magazines such as *Creative Computing*, *Popular Computing and Computers* are written for computer enthusiasts. *Computer Readout* contains information about available software. Many colleges and universities and local computer dealers offer workshops and demonstrations.



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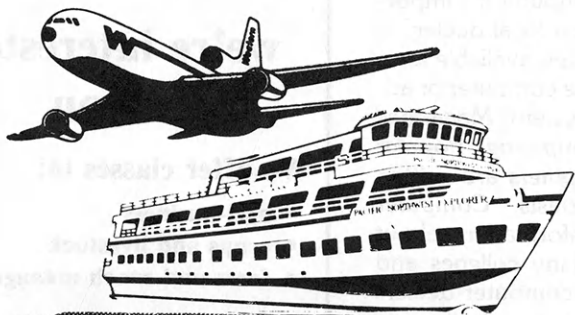
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# Family Fun Page

Play the Burma Shave jingle game. From the 1920's through the 1960's, Burma Shave messages appeared on billboards across the country. Unscramble the following two-line verses. It'll be good practice because new slogans are beginning to appear in a campaign against drunk drivers. Example: He played a sax, had no B.O., But his whiskers scratched, so she let him go!

## FIRST LINE

Past school houses,  
take it slow

Grandpa's beard  
was stiff and coarse

A peach looks good with lots of fuzz

His tenor voice, she thought divine

Listen, bird, those signs cost money

Missing at drugstore,  
"Calling All Cars,"

I proposed to Ida, Ida refused,

The bearded lady tried a jar,

## SECOND LINE

I'da won my Ida,  
if I'da used Burma Shave

100 customers, 99 jars

Let our little shavers grow.

And that's what caused his  
fifth divorce.

But man's no peach, and never was.

Till his whiskers scratched  
Sweet Adeline.

Now she's a famous movie star.

So roost awhile, but don't get funny.

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# 4-Her builds intercom system connecting six locations

Jeff Allen, an eight-year member of the Town and Country 4-H Club of Scott County, is one of five 4-Hers selected as state blue award group winners in the electric project.

The most ambitious electric project Jeff has completed is an intercom system. The main switch is in the house and five other switches go to the

feed mill, two horse barns and the indoor and outdoor arenas. Jeff's electric leader helped him work five nights to complete the installation. He exhibited the intercom system at the state fair, where it received a blue ribbon.

Other learning experiences in the electric project have included making extension cords and a test lamp, and

repairing electrical appliances in his home. He's also learned how to operate a home video recorder camera and how to purchase electrical equipment. He's given several talks on electricity at his local 4-H club meetings.

Jeff's other major 4-H projects are horses and leadership. Mr. and Mrs. Billy Allen are his parents.

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