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Alumnus

Southern Illinois University Office of Alumni Services

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can'cer (kan'ser), n. [L., crab, ulcer, a sign of the zodiac; akin to Gr. karkinos, Skr. karkata, crab, and Skr. karkara hard, the crab being named from its hard shell. See HARD; cf. CANKER, CARCINOMA, CHANCRE.]

2. [cap.] Astron.; genitive Cancri (kān'kri). A northern zodiacal constellation between Gemini and Leo, pictorially represented as a crab.

3. The fourth sign of the zodiac, whose first point is the summer solstice, or the northern limit of the sun’s course in its declination. In Astrol. it is a feminine nocturnal sign, movable and phlegmatic, in nature watery, cold, and moist; the only mansion of the moon. See sign, n., 12; tropic.

4. Med. a A malignant growth of tissue, usually ulcerating, tending to spread by local invasion and also through the lymph and bloodstream, associated with general ill health and progressive emaciation—so called originally because of the veins and hardened tissue extending from it, compared by the ancients to the claws of a crab; specif. a carcinoma (which see); a sarcoma or, esp. formerly, any other malignant tumor growth. b The diseased condition characterized by such growths.

5. An evil likened to a cancer (sense 4 a ); a malignant evil that corrodes slowly and fatally.

6. Plant Pathol. An enlarged tumorlike growth, as that typical of crown gall caused by the bacterium Phytomonas (syn. Pseudomonas) tumefaciens; also, a disease characterized by such growths.

7. Zool. [cap.] A genus of brachyuran Crustacea, including some of the commonest shore crabs of Europe and North America, as the rock crab, Jonah crab, etc. See crab.
Honorable & Mentionable . . .

I hope you usually read this part of the magazine because there's something in it this time I would like to encourage you to do.

The go-ahead for a "Letters to the Editor" column has been given and it would give me a great deal of pleasure if you would write us. If you have opinions—and I know you do—about the publications, the Association, the University, whatever—please write. If you think something is right or something is wrong, let us and the alumni members know about it. You'll be helping everyone at the Association and the University by letting them know whether you approve or disapprove of what they're doing. What you think is very important to all of us.

A few words about format and deadlines: Space is limited—there's no getting around that, so please confine letters to 150 words. If by some chance we are bombarded with letters we'll take a sampling (pro and con of subject) and print it. We will publish as many reasonable and legitimate letters as possible. Be sure to sign your name, address and grad year. Letters without this information will not be printed. Also we must receive letters by the fifth of the month before date of publication (in other words, a letter printed in the March magazine must be received by February 5, one in the May magazine must be received by April 5, etc.).

Please address your letters to: Alumni Publications Editor
"Letters to the Editor"
SIU Alumni Office
Carbondale, Ill. 62901

I look forward to hearing from you.

SRB
Have you tried to send your children or yourself to college lately? If you already have or will be thinking about it in the years to come, the article beginning on page 2 should be of immense interest to you. The SIU system has criticized the Illinois State Scholarship Commission for putting more money into private universities than public ones and has proposed free tuition at public senior institutions.

The University and the student with physical limitations is the subject of the article on page 6. SIU at Carbondale is one of the best equipped universities in the nation for handicapped students. The story tells of services and aids available and the pictures by Rip Stokes show the mobility of handicapped students around the campus and community.

Research into the cause and control of one of the most dreaded diseases of all times—cancer—is discussed in this issue. Significant and outstanding work being done on the SIU-C campus is explained in the article beginning on page 8.

Also in this issue: News of the Campus, page 15/SIU Alumni Book Club, page 16/The Alumni Association, page 18/Deadline Sports, page 20/Alumni, here, there... page 23.
College Scholarships and Tuition: The Dilemma of the Middle-Class

BY SHIRLEY BLACKBURN

Southern Illinois University has rapped the Illinois State Scholarship Commission for pouring more funds into private colleges and universities than into public institutions. Furthermore, SIU has proposed free tuition at public senior institutions in the state. The facts are here—and as alumnae and alumni of Southern, you need to know them.

Susan Z. is an Illinois high school graduate. Her father makes $11,000 a year and supports a family of four on that salary. They are an average middle-class family—not going hungry and cold and yet not able to afford many luxuries at today's inflated prices.

Susan wants to attend a college or university. She has found the tuition at the state's private institutions prohibitive and has begun to wonder, as her mother and father did several years ago, how her parents will even afford four years of tuition at a public university which charges about one-third the tuition of private schools. She knows she will need some sort of financial aid from the state to help defray tuition costs and allow her to attend college.

What Susan probably does not realize is that the financial aid she will apply for is money that her parents have previously spent in taxes for education. In essence, she is applying for money already paid.

She may not receive financial aid from the state for her tuition because competition for the scholarship money is tough. Susan must compete with lower income students and with students in private institutions also asking for financial aid from the state. And what's more, the odds are not in her favor. The truth of the matter is that lower income students can show a greater need for grant money and that students at private institutions have been receiving more state scholarship money—more public money—than have students at public universities—where most taxpayers go for higher education.
Several questions then arise: Is it fair that someone who can afford the fees and generally higher costs of a private institution be awarded tuition money provided by the taxpayers before someone attending a public university? Specifically, is it fair that Susan's parents' taxes go to private schools when Susan and thousands of middle income-class students like her planning to attend public universities also need money?

SIU and its two presidents—David Derge at Carbondale and John Rendleman at Edwardsville—have issued a vociferous no in answer to these kinds of questions.

There are two separate yet overlapping factors involved in the discussion—one is the question of scholarship money and the other is cost of tuition.

First the scholarship matter:

The Illinois State Scholarship Commission, which awards more of the taxpayers' money in financial aid to higher education than any other agency, last year gave about $30 million or 60 per cent of its funds to students attending private universities. On page 19 of the ISSC's pamphlet states that $19,665,401 was awarded in the form of 29,073 grants to students attending private institutions last year. On page 22, the same pamphlet states that $36 million in public money was diverted to such 'impoverished' schools as the University of Chicago and Northwestern last year," said SIU-C President David Derge in an address to the Student Senate. Dr. Derge is a graduate of Northwestern University.

"The money is there," he said. "What we need are the right priorities. This is a state up against a budget crisis; before we squander money in the private sector, let's fund public institutions.

"ISSC grants should be made equal for all students," Derge said. "It's not fair that students at SIU are eligible for a maximum of $600, while students at Northwestern receive up to $1,200. They don't receive twice as much money because they're better off going to school there, but simply because it's a private school," he said.

The Chronicle of Higher Education in its November 5th issue carried a report on state spending in higher education and found that operating expenses of colleges and universities during the last two years is up 25 per cent—about the same as in the previous two-year period but far below the 40-per cent rates of the 1960's."

The study of all 50 states showed that Illinois ranks third behind California and New York in state spending this year. Illinois appropriated $550,904,000 to higher education for 1973–74.

And among trends indicated by figures complied for the study was this one: "States are putting more money into private institutions, through scholarships to their students, direct aid and contracts for services . . ."

SIU-C's director of student work and financial assistance, Frank Adams, M.S. '51, Ph.D. '62, says that no one is trying to shut down the private institutions.

"What we are saying is that the public institutions are not receiving their fair share of state scholarship money. As a public university we are audited and our spending of the taxpayers' money is closely watched. The private institutions, which receive more state financial aid than we do, are not audited and therefore may spend the public's money without the public seeing it. We think this is unfair. The taxpayer has a right to see exactly where his money went.

"In a true sense," says Adams, "there is no such thing as a private college or university in Illinois; at best, they are semi-private. When over $36 million each year of the taxpayers' money goes to private colleges and universities in Illinois, it is time that the taxpayers demand a state audit of all private schools.

"This means that private colleges and universities in Illinois would no longer 'have their cake and eat it too.' If they want to be private, then they should rely on funding from
sources other than funds generated by taxpayers.”

In the wake of these facts, the SIU system has proposed free college tuition for in-state residents at public universities in Illinois—the second factor involved in this report.

What the system presidents and board of trustees members are saying is that public education in grades one through 12 is tuition-free—and this should be extended through grade 16. Any Illinois resident should have the opportunity to attend a public college or university in this state.

The proposal covers only tuition expenses. The average cost for fees and room and board total $435 per quarter at SIU-C.

In its position paper regarding tuition, which was prepared by a board staff committee and endorsed by the board of trustees, SIU has said, “A vital part of the American system of democracy has been the philosophic position that education is a right of all the people and not a privilege to be enjoyed by those few who could afford it. . . .

“However,” the paper continues, “the tuition policies of the state combined with the practices of the Illinois State Scholarship Commission and appropriations of subsidy monies to private colleges and universities have, in fact, made higher education a right of the poor, a privilege of the rich and a serious problem for large numbers of students from middle-class families. . . .

“If indeed education at all levels is a right of all the people, then the practice of providing elementary and secondary level education tuition free argues that higher education provided by the state ought also to be tuition free. At the same time, public support of private institutions at higher education levels is unsound from a philosophic point of view. . . .

“. . . It is the feeling of the SIU board committee,” the paper states, “that educating the citizens ought to be accomplished and that maintenance of private higher education ought to be considered only if it serves that goal.

“The current practice which is carried on in Illinois in the absence of policy is based on factors that existed in 1970 which have been modified to a greater or lesser degree in the years since.

“For example, the community college program throughout the state has expanded and matured considerably since 1970 to the credit of the state and community college districts and their boards. Also, some community colleges charge tuition, all do not, and so the State of Illinois has taken a position by practice that grades 13 and 14 (college freshmen and sophomores) can be free of tuition.

“At the same time, no student in the State of Illinois can attend a state university offering upper divisions and graduate study tuition free. Although freshman and sophomore study is available tuition free in some community colleges, it is tuition free in none of the four-year degree-granting state universities. In effect, the State has established a class system in which students cannot attend a state university without paying tuition. Some students, of course, obtain Illinois State Scholarship Commission aid which pays the tuition.”

Among those denouncing the tuition free proposal is Millikin University President J. Roger Miller.

“If private colleges and universities did not exist, the 128,631 students now enrolled would have to be educated in state institutions,” he said. “It is an obvious fact to every burdened taxpayer that the state could not assume these additional student loads without astronomical increases in appropriations from tax sources.”

And the St. Louis Globe Democrat in an editorial called the free tuition proposal a “hare brained plan.”

The Globe said that William Allen, chairman of the tuition-study committee and a member of the board of trustees, “is wrong in concluding that a college education is a right, and therefore it should be provided free.” Allen helped present the proposal to the IBHE.

“As outlined,” the Globe continued, “it also could deal a heavy blow to private colleges which right now need increased support, rather than a fiscal knock in the head.”

SIU says in its position paper that “the State of Illinois has provided assistance to the private colleges and universities in Illinois under the basic philosophy that it was more efficient to subsidize private colleges and universities than to continue to expand facilities at the state universities which were then overcrowded and hard-pressed to serve the ex-
"Tell the taxpayer that he has to help a little more to open up the doors to college for his own kids and for everyone else's and he will grumble but he will help. But tell him that the sacrifices he is already making and the new ones you want him to make are not to help his kids, that he and his children are too affluent to need help, and we have a vivid bicentennial observation of the Boston Tea Party."

pressed needs of all of the people of the state. These conditions have changed drastically since 1970."

Enrollment at SIU-C dropped from 23,843 students in 1970 to 19,187 in 1973. And this is indicative of enrollment at some of the other public universities in the state. Thus there is room in the public sector for some of those now attending private schools.

The idea of free tuition is not a new one. In his book *College and University Student Work Programs* co-authored with Clarence Stephens, former consultant to the board staff, Adams says that little or no tuition was charged at the land grant colleges created in the United States by the Morrill Acts of 1862 and 1890.

"Fifteen years ago at SIU," says Adams, "tuition was minimal. It has only been within the last ten years that we have had to charge more and more tuition. And our students require more and more financial aid to make up for it. There's going to be no end to this vicious circle if we don't do something."

Tuition at SIU in 1958 was $35 per quarter. It is now $143 per term. (SIU held the line and did not increase tuition this year in spite of a recommendation from the Carnegie Commission on Higher Education that there be a tuition hike in public colleges and universities.)

"It all boils down to this," says Adams. "Let's take all those millions of dollars we offer in financial aid for tuition at public and private universities, put it into one 'pot' and give all Illinois residents the opportunity to attend a public senior university in this state tuition free. It's a right, not a privilege. The students and the whole of society will be better for it. Let's stop awarding tuition money selectively and give everybody the opportunity to continue their education."

Adams also suggested that all students attending college tuition free be on a year's scholastic probation to see how serious they are about college. If a student's grades were poor and indicated he was not seriously pursuing his education, then the student would be dropped from school.

Just what would this free tuition mean to the taxpayer?

"There is no accurate way to measure the cost right now, but probably there would be little increase and possibly no additional expenditure by the taxpayer," says Adams.

"Right now, the middle-class of this country are paying to send the lower class to college and all classes to the private institutions. Then when the middle-class asks for tuition aid, their need factor is not as great as the lower class, which is slightly to somewhat poorer, and it is not as great as those attending private schools, whose expenses are naturally more, so they are turned down for state aid and end up paying tuition themselves.

This way—the way of free tuition for everyone at public universities—they won't have to do that."

As reported in the same issue of the *Chronicle of Higher Education* mentioned earlier in this article, Rep. James O'Hara, Democrat of Michigan, keynote speaker at the College Entrance Examination Board's annual meeting, said, "Tell that taxpayer that he has to help a little more to open up the doors to college for his own kids and for everyone else's, and he will grumble but he will help. But tell him that the sacrifices he is already making and the new ones you want him to make are not to help his kids, that he and his children are too affluent to need help, and we have a vivid bicentennial observation of the Boston Tea Party."

The IBHE accepted the SIU committee report on tuition in early November.

Then later that month, a committee of the IBHE recommended that tuition be increased by six per cent for next year. The IBHE endorsed that proposal and called for "at least a six per cent increase" at its December meeting. This means at least a $26 per year jump in SIU’s tuition next year.

It is imperative that the alumni, a prominent constituency of this University, be well-informed and understand this issue. The alumni board invites your opinions. You may address them to "Letters to the Editor" (see front inside cover) where they will be considered for publication or you may simply wish to express your opinion to the alumni board in which case they may be directed to Larry Jacober, Alumni Office, Southern Illinois University at Carbondale, Carbondale, Ill. 62901. Please give the matter some consideration—it's one of importance to all of us.
SIU-C Helps
the Handicapped
Help Themselves
When most students at SIU-C get up for an 8 A.M. class and see it’s raining, they grab their umbrellas and take off for the early morning session with little hassle. It’s not that easy for some handicapped students.

Picture yourself trying to manipulate a wheelchair down a slick hill, all the time holding an umbrella over your head to keep at least part of you dry. Or how about trying to hold a cane to guide your way in one hand and juggling books, laboratory material and an umbrella in the other?

Picture this and maybe you can get a feeling for the hills, inclement weather and other obstacles handicapped students face daily.

Adjusting to college life is not easy for handicapped students. Many must learn to cope with problems they have never had to face alone before. And all must acquire good “mobility ability” in getting around SIU-C’s 981-acre main campus . . . which is a feat for even the non-handicapped.

SIU at Carbondale, though, has “the best flexible program for handicapped students in the United States” says Silas Singh, M.S. ’69, Ph.D. ’72, coordinator of Specialized Student Services. Southern stresses two elements in its program for handicapped students: 1) the removal of physical barriers and 2) helping students adapt their abilities to the on-going university community.

The elimination of physical barriers was the primary goal when the University first began admitting non-ambulatory students in 1956. Beginning in the late 1950’s, most buildings were made accessible and all buildings constructed since that time are fully modified. Planning of new facilities, both buildings and sidewalks, has included considerations for students with physical limitations. The result of these efforts is a reasonably modified campus which allows a physically handicapped students to pursue a degree in all but a few of the fields of study offered by the University and to participate in most campus activities.

The University also recognized the fact that merely admitting handicapped students is not sufficient. Services are individualized as needed, where it is possible, but the handicapped are not separated from the remainder of the university community.

The specialized services office minister to all students with physical handicaps. Presently there are about 600 handicapped students at SIU-C—200 in wheelchairs, 70 blind, and others with handicaps ranging from cerebral palsy to muscular dystrophy to congenital problems.

“Southern has more handicapped students on its campus than any other university in the nation” says Singh, “with 14 students applying for admission each week to the Carbondale campus.”

Singh feels that the biggest “plus” for the specialized services office has been the adoption by the city of Carbondale of a state code forbidding any new building used by the public to be constructed without facilities for the handicapped. Because of broken sidewalks, unrampped curbs and narrow store entrances, much of downtown Carbondale is inaccessible to wheelchair students. However, Carbondale city officials and the Jaycees are working together to make the city more accessible. Last month, $17,000 was designated by the city for downtown renovations for the handicapped.

Among recent campus improvements aimed to help handicapped students is the installation of six “beeper stations” at campus locations where blind students might become disoriented. The beepers are concrete pillars about waist-high, which emit a distinctive sound. The station’s locations and directions to other campus facilities are inscribed in braille on the top of the pillar. They are the first aid of their type to the blind in the country.

Another new program is the development of a university class specifically for handicapped students.

“This course and others to follow,” says Singh, “are designed to teach physically handicapped students how to make clothes, cook, keep house and do other things that have not been taught them before.

“Most handicapped students are products of institutions since the day they are born, and generally have their handicap re-inforced by being kept under strict care in schools for the handicapped and other institutions,” he said.

“When they come to college they find themselves exposed to open doors for greater independence and unable to enter many of them because they lack the necessary skills with which to be more independent. “We tell them we’re not going to spoon feed them,” said Singh. “We say, ‘We’re going to teach you independence.’ ”
Cancer: The Mystery Continues and the Research Goes On

BY LORENA JEAN

Right now some of the most advanced cancer research in the world is going on at Southern Illinois University at Carbondale. The following is a synopsis of work being done.

By now, almost everybody knows that cancer occurs when a cell goes haywire and begins to grow and divide erratically. In other words, the cancer cell doesn't obey the normal genetic signals it receives from its master "computer," DNA, for controlling growth.

DNA is short for deoxyribonucleic acid, the long-chain molecules in the chromosomes of the cell nucleus in which all genetic information is stored and parcelled out for orderly development, growth and behavior.

This basic information in "tapes" inscribed in a chemical code is transmitted by metabolic machinery which passes the signals to a "messenger" ribonucleic acid (RNA), plus a transmitter called transfer RNA (tRNA) which translates the DNA tape into cellular structure.

Yet to function properly, the system must transmit accurate signals and these signals must be interpreted correctly.

Despite the fact that the structure of DNA and the genetic code are fairly well understood, how the signals fail, or are garbled, or a particular cell ignores them, is still a mystery that is challenging scientists of many disciplines around the world, as they probe for the cause of the killer disease, cancer.

More than half a dozen scientists at Southern Illinois University at Carbondale—microbiologists, chemists, physiologists, zoologists—are in the fray, each attacking the problem from his own angle.

In the past, SIU-C cancer sleuths have had projects supported by substantial grants from the American Cancer Society, the various National Institutes of Health, other government agencies, and foundations or societies.

A few years ago the prospects of $100 million "extra" federal dollars for cancer research was dangled before the public. Despite the fact that thus far little has reached SIU-C, these people are continuing their investigations, albeit on a smaller scale than they hunger for. Most of the work survives on small University Research and Projects grants, which likewise are skimpy because of tight state appropriations. One of the investigators has a substantial grant from the American Cancer Society, another is working on the last segment of a three-year National Institutes of Health award, while a
third is being funded by the Fraternal Order of Eagles. Almost all are awaiting answers on proposals already submitted or are writing requests they hope will produce grants permitting them to test out on a substantial scale the theories they have developed in their laboratories.

Dietary fats—increasingly indicted as the criminal in high blood pressure, clogging of the arteries, diabetes and perhaps other diseases—are charged by an SIU-C physiologist with another crime: they may cause cancer as well. In fact, he is certain of it.

Dr. George Gass, professor of physiology and director of the Endocrinology Laboratory, sent the beef cattle industry (and some consumers) into a tizzy after his experiments in the early 1960's showed that certain hormones, notably the synthetic estrogen stilbestrol, popularly known as DES, caused breast cancer in his female laboratory mice.

DES had been a prevalent additive in the feed of beef cattle to accelerate growth since the late 1950's, but after Gass announced his findings tests were made which showed a residue of the hormone remained in the liver of slaughtered animals.

The furor finally reached the halls of Congress, which in 1971 led the FDA to ban the use of DES in cattle feed.

Gass was called to testify before committee hearings on the proposed ban, although he pointed out that further investigations were required to determine whether a dose tolerance might be involved, for his statistics on increased breast cancer were based on one particular level of DES. Other mice which he fed even larger amounts and those fed smaller amounts did not show an increased cancer incidence. In other words, there might be a “safe” level. But still the ban remains.

Congress continued to be concerned about this and other livestock additives. One bill providing $100,000 for research during 1973 was enacted but was never activated, being impounded by the Office of Management of the Budget.

Now pending but still stalled in Congress is a $245,000 research program to finance studies to find out whether fattening additives such as DES can cause cancer in humans.

Gass and G. B. Marion, SIU-C animal science specialist, were chief witnesses in the committee hearings last year.

As this is written (early December) they still are waiting to see if the program materializes and if so whether their proposal for funds to underwrite a massive, rigidly controlled experiment with 1,300 beef animals as well as more work with laboratory mice will be approved.

They have strong backing by the National Cattlemen’s Association, the beef industry of Illinois, the American Society of Animal Science, the U.S. Department of Agriculture, the Food and Drug Administration, and the pharmaceutical companies manufacturing DES. Still they wait.

But to get back to Gass’s continuing research with mice.

His original DES studies, supported by grants from the National Cancer Institute, focused on breast cancer in female mice. Since then he has extended his experiments also to male mice.

With a $10,000 “seed money” grant from the National Aerie of the Fraternal Order of Eagles and another from the SIU Alumni Association, he has confirmed his suspicion that it is the fat intake in the diet that triggers many of the body’s ills, including some cancers.

These latter studies have revealed (1) that high-fat consumption causes enlargement of the sex organs of both male and female mice; (2) that the weight increase mounts as the fat content of the diet is increased; and (3) that surgical removal of either the pituitary gland or the gonads (testes of males or uterus of females) prevents the enlargement.

This list finding, Gass said, “indicates that fats entering the blood stream stimulate the pituitary gland to send a chemical signal to the gonads, which then begin overproducing sex hormones, resulting in growth.”

Furthermore, he added, “the increase in weight is independent of the type of lipids (fat) in the diet, whether butter, cream, sesame oil, soybean oil, corn oil, peanut oil, or beef tallow. One is as injurious as another when
consumed in excess amounts."

Dr. Herman J. Haas, professor of zoology, is studying the significance of the surface membrane in cell transformation (the organization and differentiation of tissues), and specifically the variance between normal and cancerous cells.

"All communication—chemical, electrical, tactile—between two cells or between cells and their environment is conducted through the surface membrane, so the physio-chemical properties of the cell surface are of crucial importance," he said.

He believes that changes in the electrical charges of the cell surface may be involved both in normal development and in malignant alterations, for the reason that cancer cells possess electric surface charges that are characteristically different from those of normal cells of the same sort of tissue. He wants to know what is the cause of this difference, and what is the effect.

"Both in the embryo and later in the mature organism," Hass explained, "there are control devices which regulate cell division (mitosis) and the differentiation of the cells of a multi-cellulated body. That is why in the body of any species the proportions of tissues and organs remain remarkably constant—as long as there is no cancerous growth.

"This supracellular control is based on communication among the various parts of the body and among the cells of tissues with each other.

"Many cancer cells, however, have escaped this supracellular control. Most cancer cells seem to have lost the ability to communicate. The two-way traffic of signals to the cell and out from the cell is broken down as the result of alterations in the cell surface."

For his investigations, Haas formerly used mammalian cells only, from mice, but in the past two years he also has begun comparative studies of a primitive eucaryotic flagellate organism.

"All bodies of multi-cellulated organisms, both animals and plants, are made up of eucaryotic cells," he explained. "These are cells which possess a nucleus that contains the chromosomes with the DNA tape, and this nucleus is separated from the cytoplasm by a double membrane, the nuclear envelope.

"In the vast majority of eucaryotic cells the chromosomal DNA is associated with basic proteins called histones, which one way or another seem to be involved in the control of 'reading' the message stored in the DNA tape. In a very few flagellate protist cells, chromosomal DNA is not associated with histones. Interestingly enough these organisms show certain very special properties—for example, in respect to cell division and membrane structure.

"This presents a challenge. Up to now the basic architecture of all cell membrane has been considered to be in principal of a universal structure. But if there is a difference in this basic membrane structure, it might give us grounds for a new look at the mammalian cell surface."

Haas's investigations have been facilitated by the improvements his assistant, James Gergy, zoology Ph.D. candidate, has made in the cytopherometer used to measure the net surface charges of cells.

"When we first got the new instrument a few years ago," he said, "microleakages frequently spoiled our measurements. Now Jim has implemented home-made electrodes that have stopped the microleaks, and has made several improvements. Also a new and very precise 'conductivity bridge' which we acquired with Research and Projects funds provides us a real change for professional cytopherometric studies."

Haas is engaged in preparing a proposal for further studies on the surface membrane of the flagellate which he hopes will produce a grant for continuing the search for a better understanding of the communication system between normal cells and between malignant ones, and perhaps the secret to the difference.

Certain chemicals are known to cause cancer, and Dr. Herbert L. Hadler, SIU-C associate professor of chemistry, for a number of years has been checking out compounds which are carcinogenic.

The results he obtained in his experiments led Hadler to formulate a theory of how chemically induced cancer originates. This theory, first published in a 1971 issue of the Journal of Antibiotics, has stirred interest among
scientists, particularly in England.

While on sabbatical leave last winter and spring, he worked for several months at the Imperial Cancer Research Fund in England, a large research institute with a staff of several hundred, where several groups were impressed with the significance and potentiality of his concept. One University of London biochemist, writing in the September issue of *The Lancet*, English scientific journal, cited his theory as a promising new avenue for investigation.

Hadler's experiments hark back to the currently ignored theory propounded by the noted German biochemist Otto Warburg, who suggested that damage to the respiratory mechanism of the mitochondria (the organelles that are the cell's "power house") is the cause of cancer.

Hadler and his group began searching for the answers to two questions: It is the original chemical that causes the cancer or is it a metabolite—that is, a different substance derived from the original chemical by a metabolic process—, and what is the cellular target for the action of the carcinogen?

"Working in two unrelated fields," he explained, "we are trying first to learn what are the metabolic products of the various carcinogens, and secondly, to study the process known as oxidative phosphorylation—that is, a process carried on by the mitochondria, whereby food is put into a useful form of energy."

"We examined the possibility that the carcinogen or the metabolites interrupted the process. After careful systemic investigation, lo and behold, a discovery—certain metabolites did indeed interrupt the process."

From these results he deduced his theory: "Just as some viruses are carcinogenic and are known to penetrate a cell, and to send their foreign genetic material into the cell nucleus, blending with the original chromosomes and their genes—so I believe a carcinogenic chemical can set in motion an analogous process."

Hadler said there is a school of thought that believes that mitochondria originally were a foreign material that entered the cell during the course of evolution and established a symbiotic role, an intimate and close union, with the host cell. This is deduced, he said, because a genetic material is detected in mitochondria which is almost viral or bacteria-like and is different from that found in the cell nucleus.

"We also know that when a chemical carcinogen enters the cell," he went on, "it is metabolized to a variety of metabolites at a site of the cell called the endoplasmic reticulum. We have demonstrated in our laboratory that one or more of these metabolites will disturb the flux of energy in the mitochondria.

"Taking all these facts, we hypothesize that when the normal flux of energy is disturbed in the mitochondrion, the mitochondrion will lose its integrity. The membranes will become leaky and the foreign mitochondrial genetic material will spill into the surrounding cell tissue."

"Now you will have foreign genetic material in the same place that foreign genetic material derived from an oncogenic virus was able to reach. The mitochondrial genetic material can now behave like an oncogenic virus and enter the genome, the genetic system in the nucleus."

A dominant theory that cancer arises as a mutation in the cells that form body tissues lends a strong cancer research application to the work that Dr. Maurice Ogur, microbiology professor and director of the Gene-Enzyme Laboratory, is doing with yeast.

Ogur, who has been focusing his research on yeast cells since he came to SIU-C in 1950, has held grants from the American Cancer Society over a 10-year period, and since 1971 has been working under a three-year $54,000 grant from the National Institutes of Health, division of arthritis and metabolic diseases, to study "Yeast Mutants as Models for Human Metabolic Diseases."

Metabolism is the system of chemical change in living cells by which various substances are converted into energy for the vital processes and activities of the cells and new material is absorbed to repair the waste, Ogur explained. The metabolic regulatory system has been studied widely, but all the fine details of how and why it works have not yet been fully deciphered. The effects of the breakdowns in the system are readily seen in many human ills, including cancer.
A cancer cell, once established, is disordered and unregulated. It becomes a mutant (altered) cell, and it reproduces its kind, including its own variations of the metabolic regulatory machinery.

"We want to gain knowledge of what causes this disruption of the machinery," Ogur said. "In the Gene-Enzyme Laboratory we are specifically studying general metabolic disorders, including genetic and metabolic disease. We have been pinpointing unknown pathways by which certain amino acids are made before being converted into enzymes (protein elements).

"In recent months we believe we have found a hitherto unappreciated pathway. Yeast cells are capable of doing certain things not previously known. For example, they have the ability to oxidize glyoxylate (an intermediate compound obtained by the action of nitric acid on alcohol) into oxalate (a salt ester of oxalic acid). They also can convert oxalate into formate (similar to formic acid).

"This process opens a metabolic pathway to produce several amino acids, particularly serine, an essential substance for both yeast and humans.

"We now are testing a theory about the way a certain regulatory pattern in cells works—that high sugar represses the synthesis of a number of enzymes. We believe that we have found an antagonist to this repression."

Ogur and his graduate students in the Gene-Enzyme Laboratory already have published three papers reporting results of the research they are doing under the NIH grant, and more are to follow.

It is a generally accepted fact that some cancers are caused by viruses, and SIU-C has a well-established Molecular Virology and Cancer Research Laboratory, headed by Dr. Hassan Rouhandeh, which is engaged in exploring this phase of the disease.

Rouhandeh joined the microbiology department faculty in 1967, coming from the research staff of the University of Kansas Medical Center, where he had studied the nucleic acids and proteins of several viruses as well as the processes by which viruses multiply in replicas within the living cell.

Director of cooperative research in the molecular research laboratory, Rouhandeh and his staff of six graduate students and a number of laboratory assistants are working on monkey viruses, some of which cause cancer, others non-malignant.

The major concern is the Yaba monkey virus, which has unique properties: it causes cancerous growth in monkeys—and also in humans who are exposed to its virulence. "But somehow it operates to limit the malignant process so that it subsides and the host recovers," Rouhandeh explained.

Another virus under examination in Rouhandeh's laboratory is a herpesvirus which is fatal to monkeys, producing lymphomas (tumors in the lymph tissues). It is related to viruses known to start cancers in chickens.

"This virus grows slowly, and produces a very low virus yield in cells in tissue cultures, thus resembling the Yaba virus," he said. "These properties are characteristic of most of the viruses known to cause cancer in laboratory animals. They generally replicate without total cell destruction. The cells that survive, however, may become malignant, and begin division at an abnormal rate.

"At the same time they also are transformed into cells with form and structure differing drastically from the normal cell which existed before the viral infection."

Still a third virus—a non-malignant one—is used as a sort of "control" organism for comparative purposes.

"We are studying this poxvirus in an effort to learn some of the processes that occur in the cell as the result of infection by the virus," Rouhandeh said. "It is serving as a tool to monitor cellular processes in general."

Various theories exist about how the viruses cause the malignant process to start. The concept which Rouhandeh considers has the most evidence behind it is that the DNA-containing viruses integrate a portion of their DNA into the DNA of the host cell, or that somehow their DNA becomes so closely associated with the host cell that the two DNA meld and are replicated as one.

"This piece of viral DNA then is responsible for coding for the production in the cell of a protein component which changes the surface of the cell in such a way that it no longer possesses the property of contact inhibi-
"This is the property which presumably prevents cells from continuing to divide when coming into contact with another cell."

"We have seen this lack of contact inhibition in cultures on a laboratory slide, and there is evidence that the cells which lose contact inhibition in tissue culture following viral infection would generally produce a malignant growth in susceptible laboratory animals."

In the past Rouhandeh's research programs have received substantial support from a number of sources outside the University as well as from the internal Research and Projects funds. Grants have been received from the American Cancer Society, the National Cancer Institute, and the American Philosophical Society. Last summer the two societies sponsored a fact-finding visit by Rouhandeh to his native Iran to make a personal investigation of the incidence of breast cancer among inbred populations of Zoroastrians, a tight religious sect, remnants of pre-Mohammedanism, which still exist in some Asian countries.

"It had been theorized from studies of Zoroastrians in India that such populations which intermarry for religious reasons have a higher incidence of breast cancer," he said. "I was asked to check it out. But I did not find this theory to hold true in the Iranian population practicing intermarriage."

Rouhandeh recently completed proposals for continued research on the monkey viruses which he anticipates will bring one or more fresh grants to enable him to step up his activities.

Dr. Richard Gilmore, assistant professor of microbiology, also a member of the Molecular Virology and Cancer Research Laboratory, concentrates his interest on the biosynthesis and control of subcellular entities.

He is particularly concerned with the element called "transfer RNA" or simply "tRNA," which might be called the "straw boss" in the chain of command from the cell's computer DNA. DNA passes its signals to the messenger RNA (ribonucleic acid), but the tRNA molecule is needed to activate the instructions.

"The primary sequence of nucleotides (the building blocks of the molecule) and the conformation of the molecule influence its role," he explained. "Of special interest are the tRNAs of the host cell, which may be modified by viral enzymes, and the virus-specified tRNA."

One line of Gilmore's research is to compare the total tRNA spectrum of infected and noninfected cells. From these he purifies individual species of tRNA and compares the same species from the two preparations. "Differences between the two preparations indicate a viral influence," he said.

Gilmore also is concerned with the genetic information carried by the virus, which conveys specific hereditary characteristics from one generation to the next. By studying mutants (altered cells and what effects their alterations cause), he is able to gain information on how the virus functions in causing cancer, which in turn may provide a basis for treatment of the disease.

"Some aspects of tRNA are more conveniently studied in a simple system," he said. For this reason he is experimenting with yeast cells, unicellular organisms whose structural components are the same as those found in all plant and animal cells and have been extensively defined genetically.

"For example, it is known that each tRNA species can be made by many games," he explained. "By making genetic alterations we can study the effects. Results from yeast can be used to conjecture the same or similar effects in the tissue culture hosts of the virus."

Gilmore is preparing research reports on his findings which will be submitted in requests for grant funds.

Before coming to SIU-C in 1968, Gilmore had served on the staff of the U.S. Public Health Service division of radiological health and that of the University of Rochester School of Medicine and Dentistry department of radiation biology and biophysics.

Newest of the cancer investigators on the scene at SIU-C is Dr. Michael Sung, young native of mainland China, who joined the chemistry department faculty in the spring of 1971.

Sung is a graduate of Kansas State College with a Ph.D. from the University of Wisconsin. He spent three
years as a Helen Hay Whitney Fellow at the University of British Colombia. He had been on the campus only a short time when his chemistry colleagues recommended him for a $5,000 grant from the Merck Foundation, which he won, and then last January (1973) he was awarded a two-year $77,500 grant from the American Cancer Society.

Sung shares the view with a great number of scientists that in order to understand how a cell becomes cancerous, it is first necessary to know how normal cells regulate their growth and development.

"Carcinogenesis seems to involve a disturbance of the mechanisms that regulate gene expression in higher organisms," he explained. "Carcinogenic agents, such as radiation, chemicals and viruses, apparently act in higher cells by freeing many genes that normally are kept repressed within specialized tissues."

It is to gain more knowledge about the mechanisms by which genes are regulated in normal cells that the American Cancer Society is funding such projects as Sung's to study gene regulation in higher cells, he pointed out.

Sung's research is on the chemical and biological role of histones in gene regulation.

"Histones are a class of proteins which are associated with the genetic material DNA," he said. "When bound to histones, DNA apparently is less capable of playing its critical role in expressing its genetic information. From a chemical point of view, we need to know how histones bind to DNA and also if histones can recognize which regions of DNA to bind."

"If histones by themselves or together with other molecules can indeed recognize specific DNA sites, it is not difficult to imagine why two cells having the same genetic constituents (DNA) can be as diverse in function as skin cells and blood cells."

Ideally, the scientist might expect skin cells to have different classes of histones from those found in cells forming other portions of the body such as bone, blood, brain or other elements. But when histones from mammals are examined, sharp differences are not apparent, he said.

"However, when bird histones were looked at, scientists found a unique histone in red blood cells, now called histone V," Sung said.

"The biology of histone V is especially interesting since circulating red and white blood cells are manufactured in the bone marrow and both cell types share a common precursor, the stem cell."

"Despite the close lineages between the three types of cells, histone V is found only in the red blood cells. Hence histone V may be the primary factor in the differentiation state of a red blood cell, that is, whether a cell is to function as a red cell."

It is for this reason that Sung is using chicken cells as a model system to help him understand the growth and development of specialized cells and indirectly throw light on how some cells may escape the normal regulation and become cancerous.

These scientists are all members of the University teaching staff, and must sandwich their research in between meeting classes, counseling students and directing graduate students in their research projects.

Meanwhile, an eighth researcher is still at work on the campus after having retired to emeritus status almost a decade ago—Dr. Carl C. Lindegren, known internationally as "the father of yeast research."

Lindegren who was the first chairman of the microbiology department and who organized the first laboratory on the campus devoted to research, still spends many hours a week peering in the electron microscope, recording data and writing results of his current inquiry—the effect of heavy metals on yeast cells. He has studied mercury, cadmium, thalium, lead and others. Cadmium, for example, he has found is such a lethal carcinogen (cancer producer) that 10 parts per million in a laboratory culture will kill the yeast cell.

So despite the current scarcity of research funds, SIU-C scientists are still prowling, seeking the ultimate origin of cancerous growth within the complexities of the genetic system.

Lorena Jean, veteran Southern Illinois newswoman, is a staff member of University News Services on the Carbondale campus.
Construction Progress

New building and major remodeling projects totaling more than $15,600,000 are expected to be finished between now and late April on the SIU-C campus and the University's Springfield medical campus.

A status report by the SIU Treasurer's Office shows $36,677,759 worth of capital construction projects nearing completion, released by the governor or close to starts at Carbondale and Springfield.

News of the Campus

SIU-C's $12,838,000 Faner Hall humanities-social sciences building is 95% complete, according to the report. One of its three phases is finished, another is scheduled for completion this month and the third is supposed to be wrapped up in March.

This month has also been set for completion of the School of Medicine instructional building at Springfield. The $2,760,000, four-story structure near Springfield Memorial Hospital has been under construction exactly two years.

A refrigeration plant to supply air-conditioning for buildings in the southern part of the Carbondale campus is 75% complete and is scheduled to be put into operation in April. The $1,858,000 installation is located in the James W. Neckers Physical Sciences Building.

Remodeling of the upper floors of Life Science I, a $935,000 office-classroom job for the medical school's pre-clinical program at Carbondale, is targeted for substantial completion this month.

Stage Two of the Springfield medical building, a major $7,207,800 project, has been released by the governor. SIU-C officials expect the state's Capital Development Board to set a bidding date sometime this month.

Ralph Rapson and Associates, Inc., a Minneapolis architectural firm, is revising plans on an $8,900,000 student recreation building complex, cutting down on the project size to try and get it within budget limitations. Bids taken last June were well over construction estimates. Re-bidding is expected this month.

SIU's board of trustees approved and forwarded to the Illinois Board of Higher Education contracts for a $2,029,636 renovation project at McAndrew Stadium. The job started in December. (See Deadline Sports)

Energy Conservation

A series of steps to save energy have been put into effect at SIU-C by its executive vice-president.

Danilo Orescanin said that drivers of SIU-C fleet vehicles are restricted to 50 mile-per-hour speeds. President Derge has exchanged his Oldsmobile for a Maverick and the University's vice presidents have exchanged their Buicks for Fords. Low-mileage cars are being exchanged all over campus.

Some 1,000 heating thermostats have been turned back from their normal 74 to 76-degree settings to 68 degrees. The thermostat readjustments were expected to cost about $5,000 because of extensive labor involved.

Other moves include: setting up an automatic control system to choke back peak power consumption to pre-set levels; turning off street area and parking lot lights, which used to burn during all dark hours, at 2 A.M.; shutting off playing field lights at 10 P.M. instead of midnight or later; eliminating decorative lighting and dimming hallway lights. The registrar has been told to concentrate night classes in as few hours as possible, and to eliminate unnecessary use of buildings after 10 P.M.

Orescanin said the conservation effort is a result of messages by Gov. Walker and President Nixon.

SIU Budget Slashed

About $3 million has been cut out of SIU-C's 1974-75 budget by the Illinois Board of Higher Education.

President David Derge said in early December that the cut would mean a "sizeable layoff of some personnel." In middle December, more than 100 termination notices went out to faculty and administrative personnel.

The $62.8 million budget for next year is $4 million higher than this year's budget. However, it requires SIU to cut down several existing programs and to fund new programs the IBHE considers more important.

New developments and more details of the budget cut will be reported in the February bulletin.

Student Trustee Seated

Matthew Rich, a 19-year-old sophomore, has been declared the winner of a student trustee election on the Carbondale campus.

Rich is a journalism and pre-law major from Bangor, Me.

He was seated as SIU-C's student representative to the board at the trustees' December meeting. Rich joins SIU-E representative Don Hastings as a non-voting member.

Enrollment Figures

Cook County students made up 30 per cent of the Illinois residents attending SIU-C this fall. Every county in the state is represented at Southern. Figures also showed students from 46 states and the District of Columbia. Hong Kong led all foreign student contingents. Following in a "Top Five" were Iran, Taiwan, India and South Vietnam.
Save Me the Waltz
By Zelda Fitzgerald
One of the great literary curios of the twentieth century, *Save Me the Waltz* is a novel by the wife of one of the finest American authors of this era. During the years when F. Scott Fitzgerald was working on *Tender is the Night*, which many critics consider his best book, Zelda Fitzgerald was preparing her own story which strangely paralleled the narrative of her husband. *Save Me the Waltz* is, in short, a feminine version of many of the experiences the Fitzgeralds shared and each wrote of in his and her own way. This book is an important confessional of a famous glamour girl who in these pages captures the spirit of an epoch.

(paper) Regular $2.25  
Member $1.80 +0.09 tax
(cloth) Regular $6.95  
Member $5.55 +0.28 tax

SIU Press

Interrupted Melody
By Marjorie Lawrence
An autobiography by the great opera star, Marjorie Lawrence, this book details the story of a woman who managed to remain in opera even after illness with polio. Recently retired from the position of research professor of music at SIU, Miss Lawrence has performed at the White House for President Roosevelt, at Buckingham Palace for Queen Elizabeth and the Princesses and all over the world for troops since her Paris Opera debut in 1933.

(paper) Regular $2.85  
Member $2.30 +0.12 tax

SIU Press

The Chief Glory of Every People
Edited by Matthew Bruccoli
The twelve original essays, written especially for this volume, appraise our classic American writers and in so doing give fresh insight into the state of American literature today. The writers discussed here, all of whose works are now being published in definitive editions, are James Fenimore Cooper, Stephen Crane, John Dewey, Ralph Waldo Emerson, Nathaniel Hawthorne, William Dean Howells, Washington Irving, Herman Melville, William Gilmore Simms, Henry Thoreau, Mark Twain and Walt Whitman. These twelve varied but brilliantly executed essays on American literature will meas-
Legends and Lore of Southern Illinois

By John W. Allen

Against the cultural and historical backdrop of Southern Illinois, Allen has written sketches of the people of the region—of their folkways and beliefs, their endeavors, successes, failures and tragedies, and of the land to which they came. It is a land rich in Indian lore and legend, and many reminders of the primitive life remain. There are accounts here of some early homes, taverns, churches, and public buildings. There are stories here of life on the farm, and of slaves and their masters. Today southern Illinois is on the verge of a cultural and industrial renaissance. The area is rich in natural resources. It has become a nationally known recreation center; it supports a distinguished university. In a few years many of the vestiges of its past culture will have disappeared and will survive only in museums and in the written record. These sketches of John Allen’s will be a part of that record.

University Graphics

A Nickel’s Worth of Skim Milk

By Robert Hastings

Life was not easy for the family of a miner in a small Southern Illinois town during the Depression. The area was largely dependent on coal, and when the mines closed, leaving thousands of men without work, the local economy collapsed. Hastings, a 1945 graduate of SIU, remembers this period as it appeared to a small boy. Born in Marion, Illinois, he was six years old when his father announced, “The mine is closed. It’s all over.” A few days later his parents closed their neighborhood store because nobody had money to pay for groceries. But if this sounds like a dreary life, the author found it far from that. Laughter and tears are mingled in this book of reminiscences.

University Graphics

I would like to order the following books through the Alumni Association at a 20% savings.

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<th>Book Title</th>
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<td>John W. Allen</td>
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<td>A Nickel’s Worth of Skim Milk</td>
<td>Robert Hastings</td>
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University Graphics

SIU Alumni Office
Southern Illinois University
Carbondale, Illinois 62901

I have included $ for the cost of the book(s) to members
$ total Illinois tax on book(s) ordered
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$ total cost

Here is my check for $ 

Name

Street Address

Grad Year

City State Zip

Make checks payable to SIU Alumni Association

Allow two weeks for delivery
Caribbean Trip Slated for March

The SIU Alumni Association is going to the Caribbean for its second spring group tour. Water Island in St. Thomas Harbour in the Virgin spring group tour. Water Island is going to the Caribbean for its second seller by Herman Wouk, Water Island promises great beaches and the clear blue waters of the Caribbean.

Accommodations will be at the Colony Club, a Danish-styled resort complex offering olympic swimming pool, tennis courts, restaurant, private dock with fishing and sailing charters, beach with complete water sports and nightly entertainment. Temperatures average 80 degrees in the winter.

On your own private island, you’ll be close to the attractions of the capitol—Charlotte Amalie, just 10 minutes by free ferry—with over 140 shops laden with duty free treasures ($200 per person duty-free allowance).

The price of $362 plus 10% tax and services per person based on double occupancy includes round-trip charter air transportation from St. Louis with drinks and meal aloft, 7 nights accommodations at the Colony Club, buffet breakfast daily, four theme dinners with entertainment, welcome party, farewell party, moonlight harbor cruise, Water Island sightseeing tour, transfers and baggage handling and escorted trip.

We must accept reservations on a first-come first-served basis until limited space is filled, so please mail your reservation deposit check of $100 per person today to the Alumni Office, SIU, Carbondale, Ill. 62901. Make checks payable to Lovejoy-Tiffany and Associates, Inc. A project of the SIU Alumni Association, this tour is open only to members of the Association and their immediate families.

See you on the beach!!!

The Alumni Association

'73 Alumni Delegates

Members of the Class of 1973 have selected Don Portugal as their representative to the Alumni Association Legislative Council. A native of Arcola, Portugal graduated with a degree in accounting. He came to SIU on a basketball scholarship and played for four years.

Alternate delegates to the council are Susan Niekamp from Mendon and John Ward from Peoria.

Alumni Dues Increased

Membership dues in the SIU Alumni Association are going up. Effective April 1, the annual single dues will increase from $5 to $8 and annual family dues will increase from $6 to $10.

Single and family life memberships will cost $125 and $150 respectively if they are purchased on a five-year plan. A ten-year payment plan will cost $150 for the single life and $175 for the family life membership.

The increase was approved by the Association’s board of directors at their Sept. 22 meeting and ratified by the legislative council Oct. 27. Dues were increased $1 two years ago to help fund constituent societies (two have been formed—one in business and one in home economics). Before that, there had not been a dues increase since 1957.

President Larry Jacober told alumni club leaders at the fall workshop that “we will not be able to operate our present programs at the present level of income. This increase is necessary. Many similar associations have in the past few years increased annual dues to $10.”

All memberships started before the date will not be affected by the increase.

Don't Miss Out!

Because of rising operating expenses, the Association is forced to increase dues—both annual and life. So now is the time for you to cash in on a real bargain—purchase your life membership before the April 1 deadline and save! Just think of it—no more annual billings. The plan is payable in installments and also includes a lifetime subscription to Alumnus, as well as all the other present and future services of the Association. In addition, you receive a lifetime subscription to Alumnus, as well as all the other present and future services of the Association. In addition, you receive a laminated life member card along with a certificate suitable for framing and a life member decal. Won’t you check one of the plans below and mail your life membership to the Alumni Office today?

- $125 LIFE MEMBERSHIP
  (Minimum annual installment payment $12.50)
- $150 FAMILY LIFE MEMBERSHIP
  (Husband and wife both alumni—Minimum annual installment payment $15.00)

Name (maiden and married)

Address

City State

Zip

Grad Year

Make checks payable to SIU Alumni Association
Alumni Activities

FRIDAY, January 25
San Francisco Area Club Meeting at Joe DiMaggio's at Fisherman's Wharf—reception at 7 P.M., dinner at 8 P.M.—contact Gilbert Lentz in Sacramento at (916) 487-6087.

SATURDAY, January 26
Los Angeles Area Club Meeting at the Disneyland Hotel in Anaheim—reception at 7 P.M., dinner at 8 P.M.—contact Fred Sanders in Riverside at (714) 688-5639.

SUNDAY, January 27
Phoenix Area Club Meeting at the Safari Hotel, 4611 N. Scottsdale Rd. in Scottsdale—reception at 6 P.M., dinner at 7 P.M.—contact Frank Bietto at (602) 939-4866.

SATURDAY, February 2
Alumni Association Regional Club Officers' Workshop, Lincoln FEBRUARY 5-7
Springfield Area Telefund Campaign—contact Bill Keller at 787-0722.

SATURDAY, February 16
Madison and St. Clair Counties Cheese and Wine Tasting Party—contact Mrs. Ernie Flota at 462-3267.
FEBRUARY 19-21
Bloomington Area Telefund Campaign—contact Bill DeVore at 452-7921.
MARCH 11-13
Madison County Telefund Campaign—contact Mrs. Ernie Flota at 462-3267.
WEDNESDAY, March 13
Bloomington Area Cheese and Wine Tasting Party—contact Bill DeVore at 452-7921.
MARCH 19-20
Washington County Telefund Campaign—contact Paul Daniels at 485-6423.
MARCH 26-28
Saline County Telefund Campaign—contact Mrs. Helen Barnes at 273-4901.
FRIDAY, March 29
Franklin County Alumni Meeting—contact Mrs. Paulette Ashbrook at 932-2291.
THURSDAY, April 4
Saline County Club Meeting to be held at the Gateway Inn in Muddy.

Winners of the annual Roscoe Pulliam Memorial Scholarships of $250 each presented by the SIU at Carbondale Alumni Association are pictured below with University and Association officials. Recipients include from left, front row: Jane Eckles, Decatur; Joan Abisil, Northbrook; Velma Kirkland, Panama, Canal Zone; Judith Greer, Carbondale; Margaret Gruszczki, Lindenhurst; Anne Butsch, Evansville, Ind.; Mary Beth Schoole, Northbrook; Rosalie Powell, Metropolis; and Marcia Bullard, Springfield. Back row: SIU-C Vice-President for Development and Services T. Richard Mager; Robert Pulliam '48, M.A. '50, son of Roscoe Pulliam; Dean Unzicker, Fisher; Kevin Byrne, DeSmarines; Stephen Goepfert, Carbondale; Jeffery Coonrod, Carlinville; Charles Stein, Evanson; Joseph Bittner, Evansville, Ind.; Thomas Vinson, Champaign; Keith Leasure, Vice-President of Academic Affairs and Provost; and Larry Jacober '62, M.S. '65, President of the SIU Alumni Association. The scholarsips were unable to be present for the photograph were James Arlington, Wheaton; Elizabeth Williams, Cutler; and Richard Whitford, Henderson, Ky. Since 1953 200 students have received Roscoe Pulliam Scholarship Awards amounting to $31,595.

Alumni Association President Larry Jacober will be the speaker. Contact Mrs. Helen Barnes at 273-4901.
APRIL 16-18
St. Clair County Telefund Campaign—contact Terry Schwartztrauber at 233-2607.
APRIL 23-25
St. Louis Area Telefund Campaign—contact Bob Hardcastle at 469-3395.
APRIL 29, 30, MAY 1
Franklin County Telefund Campaign—contact Mrs. Paulette Ashbrook at 932-2291.
TUESDAY, April 23
Wayne-White Counties Club Meeting—contact Kenneth Gray at 895-2359.
MAY 7-9
Randolph County Telefund Campaign—contact Glen Misselhorn at 826-2512.

Job Listings Available
At Career Planning

If you're looking for a new job, the SIU-C Career Planning and Development Office may be able to help you. You don't have to be a new graduate to use their services. All you need do is write them and they will send you further information.

The following two positions are currently listed with career planning services. If you qualify for these or are interested in other positions, write Herall Largent, SIU-C Career Planning and Development Office, Carbondale, Ill. 62901.

Supervisor, Data Processing Center: Under general direction, plans and directs work of large staff engaged in punched card and electronic computer operation—B.A. degree with five years experience—$12,000-$17,000 salary

Social Psychologist-Sociologist: Requires proven ability to use experimental and aggregate and analytical methods associated with social psychology and sociology—Ph.D. or equivalent—$16,000-$18,000 salary.
IT TOOK DOUG WEAVER three days to make up his mind to become the 10th head football coach at SIU at Carbondale.

Weaver, a 42-year-old native of Chicago, succeeds Dick Towers who resigned following seven seasons at the Saluki helm. Weaver had been appointed athletic director early last year after two seasons as defensive coordinator and assistant head coach under Pepper Rodgers at UCLA.

"I made the recommendation to combine the positions of football coach and athletic director after considering the situation for three days," Weaver said. "For the good of the University, the athletic department and the football program, the combination of athletic director and head football coach would be a wise one at this time," Weaver said.

Weaver has a football background which includes 16 years as an assistant and head coach in the Big Eight, Big Ten and Pacific Eight Conferences.

Weaver began his associations with collegiate football as a linebacker for Michigan State from 1950-52. In 1952 Weaver's Spartan squad were the National Collegiate Champions. Weaver also spent two years as an assistant coach at Michigan State following three years of service in the Air Force.

In 1958 and 1959, Weaver was an assistant coach under Dan Devine at Missouri. The 1959 Missouri team represented the Big Eight Conference in the Orange Bowl.

After seven seasons as head coach at Kansas State, Weaver entered law school at Kansas. While attending law school, Weaver coached the Kansas defense including 1968 when the Jayhawks won the Big Eight title and went to the Orange Bowl.

He was out of coaching in 1970, practicing law at Lawrence, Ks. But when Rodgers left Kansas to become head coach at UCLA, Weaver followed him to the West Coast.

Towers, 42, resigned prior to the Salukis' final game, a 10-8 loss in the rain at Illinois State. In seven years, his record was 30-37-2 including 3-7-1 this year in Southern's first season in the NCAA's University Division of football.

Towers made the announcement of his resignation, saying:

"I have reached a decision to resign as head football coach at Southern Illinois University at the end of my present contract. I feel a change is necessary for me and the University.

"I am grateful for this opportunity to have been head coach the past seven years. I have tremendous respect for the players and coaches during this seven-year period, because it has not been easy for them.

"The three non-winning seasons have been very difficult for me. I had hoped for a winning season this year, but realistically we were too inexperienced and had to rely on too many freshmen at key positions for a winning year.
with our tough schedule."

Towers said he plans to stay in coaching with "no definite plans at this time."

Weaver said, "Dick Towers is a gentleman and a fine coach. He has made an outstanding contribution to SIU and the area of Southern Illinois.

"I respect him greatly and am grateful for all he has done for the young men he has coached and the school he has served so well," Weaver said.

In addition to recruiting, Weaver's first duties as head coach have been evaluating the current players and hiring a staff. Bob Hailey, who coached with Weaver at Missouri and Kansas State, has been retained from Towers' staff.

Weaver will continue at his present salary. He sees some advantages to combining the posts of head football coach and athletic director.

"There's an obvious economic advantage—we save a salary. It's also easier for one person to be on top of the budget, knowing what can and can't be done, even knowing when money can be taken out of the football program.

"I can see a fund-raising advantage in having one person on the road instead of two, and there is some advantage in dealing with other coaches. I'm more aware of their situations, and they're aware that I'm acting in a dual role.

"I did not come to Southern Illinois with the intention of coaching football. I thought those days were over when I left UCLA. But coaching football is something I enjoy; the game is part of my life."

THE DECISION BY the Missouri Valley Conference not to expand at this time has left SIU at Carbondale exactly where it was before—an independent with one of the nation's finest total sports programs.

"Our direction is no different now than what it has been for years," said football coach and athletic director Weaver. "That is to compete well and successfully against major teams."

The Salukis were investigated by the Missouri Valley expansion committee in mid-October. Commissioner Mickey Holmes saw Southern's 73-7 victory over Xavier and indicated the Valley would be adding a tenth member at its early December business meetings at Tulsa.

Weaver journeyed to Tulsa to await a decision by the Conference, only to be given the news that expansion had been tabled for the time being.

"There is still sentiment for expansion within the conference," said Holmes. "We'll just wait and see and evaluate the matter fully again next December or sooner."

The Missouri Valley, one of the nation's oldest conferences, formed an expansion committee last June following the withdrawal of Memphis State. Present members of the league are Louisville, Tulsa, Wichita State, Drake, North Texas State, West Texas State, New Mexico State, Bradley and St. Louis. (Bradley and St. Louis do not compete in football.)

The Salukis have had excellent athletic relations with several of the conference institutions. Drake and Southern have a strong football series, and New Mexico State will be the opening grid opponent in 1974.

The Salukis will be meeting nearly all conference institutions in either basketball or baseball in the next few years.

WORK HAS BEGUN on the final stages of the McAndrew Stadium renovation project, although it may be mid-winter before visible progress is made.

At present, workers are removing the locker room and press box facilities in the 35-year-old structure to prepare the west stands for renovation.

By next fall, Southern Illinois will be playing its home football games in a 17,000-seat stadium which will be second to none in facilities. All the seats will be on the sidelines compared to many stadiums today which have a large portion of their seating in the end zones.

A modern press box will sit atop the west stands, replacing the antique which discouraged many newspapers and radio stations from covering Saluki football.

The present AstroTurf field will be
utilized. The synthetic surfacing was a blessing this fall when rain fell prior to two games and during the homecoming victory over Akron.

Construction is scheduled for completion near Sept. 1. The first home game is Sept. 21 against Indiana State.

HOW DO YOU BECOME one of the nation's leading offensive teams?

By playing good defense.

As strange as it seems, that's the way Southern Illinois has become that nation's tenth leading offensive team with 91.2 points per game.

The Salukis have lived off a devastating full-court press. Opponents have averaged 25 turnovers per game against 18 per contest for Southern. When you have the ball an average of seven times per game more than the opposition, it only figures you can score more.

"Our defense has been good for us," said coach Paul Lambert. "This is a young club, but they take the game to you. They love to play."

From an opening season loss to Michigan, Lambert has brought his young team along. The Salukis reeled off five consecutive victories before the holiday vacation while playing a relatively inexperienced club.

In addition to returning starters Joe Meriweather, the 6-11 junior from Phenix City, Ala., and Dennis Shidler, the 6-1 senior guard from Lawrenceville, Lambert has relied on two freshmen and a returning letterman plus a strong bench which was missing a year ago.

The freshmen have drawn raves from everyone. Mike Glenn, a 6-3 guard from Rome, Ga., and Corky Abrams, a 6-6 forward from Atlanta, Ga., have sparked the Salukis.

Glenn has averaged 16 points per game, including 26 points against St. Louis in an 89-81 victory. Abrams has been a defensive leader including a steal, a rebound and a free throw in the last minute of a 74-72 victory at Tennessee Tech.

"The only thing Mike Glenn can do now," smiled Lambert, "is get better. Mike and Corky were close friends in high school. A lot of schools tried to recruit them (over 300).

"Both are great students and they were looking for academics. I bet I didn't spend more than five per cent of the time with them when the visited us. "Our computer sciences people did a great job of selling Glenn and our pre-med people did a great job of selling Abrams," Lambert continued.

"Glenn took 15 hours in summer school and has a 4.7 average out of a 5.0. Abrams did just as well. They are smart enough to know about our basketball program. Their primary concern was academics," Lambert said.

Glenn also admits Meriweather's presence made the choice easier. "I wanted to play somewhere there was a good big man," he said. "Joe's presence makes the guard's play easier."

That was never more evident than at St. Louis where the Salukis won for only the third time in 14 tries against the Bills.

"They were double-and triple-teaming me the whole game," said Meriweather who had 19 rebounds against 23 for the entire St. Louis team. "When a team does that, somebody has to be open."

That has been the case as opposing defenses have been rigged to stop the big men. "But this is an unselfish team," Lambert said. "They pass the ball off when the shot isn't there."

Shidler is the perfect example. He has averaged six assists per game. If assists were kept nationally, he would surely rank among the leaders. He has 10.5 points per game.

Scoring has been something everyone has shared in. Nine players have hit double figures in at least one game and senior Eddie James of Mount Vernon has averaged 10.0 a game.

Lending a helping hand off the bench are Rickey Boynton, a junior guard from Columbus, Ga.; Tim Ricci, a valuable swingman from West Frankfort; and Perry Hines, a junior college transfer from Decatur who has been hampered by injuries.

The Salukis will receive an added boost in January when Shag Nixon, a heralded 6-4 transfer from Cleveland, Oh., becomes eligible.
1915 Ray M. Cook, ex, is vice-chairman of the Ottawa National Bank’s board of directors. He and his wife, Helen, make Ottawa their home.

1925 Mrs. Beatrice Sitter Beacham, 2, ’58, lives in DuQuoin, where she has been retired from teaching since 1968. Mr. and Mrs. Harold O. Farmer, 2, (Grace Eagleson ’23, 2) live in Pinckneyville, where Farmer is a circuit judge with the State of Illinois.

1926 Charles C. Feirich, ex, retired in June after nineteen years of service to SIU, most of them as an assistant to the president. He and his wife, the former Mildred M. Snider ’28, 2, live in Carbondale where Feirich has started a public relations office.

Alumni, here, there...

1928 Ruby M. Oliver, 2, ’32, M.A. ’58, is retired and makes Alton her home.

1940 Mr. and Mrs. Booker T. Shaw (Ida Marie Hyte) live in St. Louis, Mo., where Mrs. Shaw is supervisor of community services with the St. Louis Public Library.

1942 Mr. and Mrs. Robert W. Meyer (Bette Eckert Meyer ’44) reside in Delaware, Oh. Past vice-president of the National Association of College and University Business Officers and a member of the executive board of directors for the past seven years, Meyer is now president of the association. He also serves on the board of directors of the American Council on Education in Washington, D.C.


1946 Mrs. Virginia B. Heflin has been promoted to vice-president in charge of sales and services with Instructional/Communications Technology, Inc., and Taylor Associates of Huntington, N.Y., and has been appointed to the board of directors of that corporation. She also is listed in “Who’s Who of American Women.”

1950 Mrs. Lawrence J. Corsa, Jr. (Bette A. Corsa) received her master’s degree in education last August at the College of William and Mary in Virginia. She makes Hampton, Va., her home.

1954 Scott W. Hinners, ex, is the recipient of the 1973 Ralston-Purina Award for teaching. Hinners, who is a member of SIU’s Department of Animal Industries, and his wife, Mary J. Hinners, M.S. ’55, make Carbondale their home.

1961 Mr. and Mrs. Richard Bruce Adams (Patricia Irene Easter ’62) have two children, Douglas and Joan, and reside in Belleville. Adams is the superintendent of the High Mount elementary school district.

1963 Lylburn S. Cagle has been assigned as historical officer with Pacific Air Forces headquarters at Hickam AFB, Ha. His wife is the former Sandra Sue Redfern, ex ’64.

1964 Jeffrey L. Casleton is an education and training officer with a unit of the Air Training Command. He is stationed at Randolph AFB, Tex.

1958 Fred H. Baerenz has received the Department of Defense Joint Service Commendation Medal for meritorious service at Clark AB, Philippines, where he is stationed.

1959 Richard Neal Small ’65, is assistant superintendent of public instruction with the Illinois Department of Recognition and Supervision. He and his wife, the former Margaret Ann Wilson ’56, make Springfield their home.

1960 Paul G. Christ, M.S. ’62, has been appointed to the Young Executives Committee for 1973–74 in the U.S. Department of Agriculture.

1961 Mr. and Mrs. John Jefferson Coe (Evelyn Lee新冠肺炎 ’64) have two children, Douglas and Joan, and reside in Belleville. Adams is the superintendent of the High Mount elementary school district.

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1965 James F. Mick is a guidance counselor at Jersey Community High School. He and his wife, Ione, reside in Alton.

1966 John M. Paden is a district conservationist with the USDA Soil Conservation Service. He, his wife, Patricia, and their two children, Scott and Tracy, reside in Hillsboro.

1966 Mr. and Mrs. Richard Bruce Adams (Patricia Irene Easter ’62) have two children, Douglas and Joan, and reside in Belleville. Adams is the superintendent of the High Mount elementary school district.

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berly Sue, and reside in Casey. Mrs. Coichonour is a fifth grade teacher in the Casey Unit Schools.

Mr. and Mrs. Frank C. Lafoon, ex., (Linda Lou Boyd Lafoon '67) and their two children, Boyd and Amy, live in Anna, where he is a mental health specialist at Anna State Hospital.

Wilma R. McClelland, M.S. '72, is a second grade teacher in the Kinmundy-Alma school district. She lives in Odin.

Mrs. Jane S. Permaul (Jane Ching Szutu), M.S., is an associate dean at the University of California at Los Angeles, working in experimental education programs. She also is directing the Women's Resource Center and Program GROWTH, a student program with Edgecombe-Martin Electric Company.

Mr. and Mrs. Billie R. Trotter (Gwendolyn T. Trotter, M.S. '63, Ph.D. '72) have one son, Marc, and reside in Schaumburg. She is an assistant professor at Loyola University in Chicago.

1965 Mr. and Mrs. Raymond L. Christensen (Fern E. Breakenridge) live in Natchitoches, La. Mrs. Christensen has been promoted to associate professor at Northwestern State University of Louisiana, where she teaches a course in applied research. She also edits a genealogy column in the Natchitoches Times, "Relative Seeking." Mr. Christensen is president of the national chapter of Iota Lambda Sigma, an honorary professional fraternity in industrial technical education.

Ronald Louis Hagerman is a graduate intern in institutional research at the district office of Maricopa County Community College in Phoenix, Ariz. He and his wife, Diana, make Tempe, Ariz., their home.

Jane Louise Hardy, M.S. '66, lives in Olney, Md., where she is a media specialist at Albert Einstein Senior High School. She is secretary-treasurer of the Washington, D.C. Alumni Club.

Vernon G. Meentemeyer, M.A. '68, Ph.D. '71, is an assistant professor at the University of Georgia. He, his wife, Susan, and their son, Ross, live in Athens, Ga.

Terrell Joseph Spees has been appointed product planning specialist with the B.F. Goodrich Chemical Company in Cleveland, Oh. He lives in Parma, Oh.

Mr. and Mrs. John W. Stone and their two children, Christine and John, reside in Annapolis, Va., where Stone is an administrator of Federal Deposit Insurance Corporation.

1966 Donald R. Brandon, M.S. '69, is a sixth grade teacher in the Mannheim school district. He and his wife, Catherine, and their daughter, Michelle, live in Bellwood.

Lawrence W. Carroll, a former staff member of the Associated Press in Fresno, Calif., has joined the staff of the Fresno Bee as a roving feature writer in the San Joaquin Valley. He makes Fresno his home.

Mr. and Mrs. David F. Chapman, M.S. '72, and their son, Robert James, live in Farboro, N.C. He is an engineer with Edgecombe-Martin Electric Company.

Roger S. Cichorza, M.A., is an analytical specialist with the Rocky Flats Division of Dow Chemical Company. He has two children, Christopher and Alyssa, and makes Boulder, Colo., his home.

Mr. and Mrs. Ernest L. Johnson and their two children, Michael and Erin, make Evansville, Ind., their home. Johnson is personnel director of Mead Johnson Pharmaceutical.

Mr. and Mrs. Gary Lovely (Jean F. Kocourek) reside in Nashua, N.H., where Mrs. Lovely is a social worker with the New Hampshire Division of Welfare.

John R. Milford has been promoted to audit manager with Ernst & Ernst in Memphis, Tenn., where he and his wife, Judy, and their three children reside.

1967 Glenn A. Braden received his juris doctorate degree last May from Texas Southern University School of Law. He is an associate with Craig & Craig law firm in Mattoon.

Mr. and Mrs. John W. Brady reside in Oak Lawn. He is assistant state's attorney in Cook County.

William H. Carel III, M.S. '68, is a graduate student working on his doctorate degree at Indiana University. A resident of Bloomington, Ind., he has made television commercials and done modeling for Playboy.

Rowland Leon McClearrey, M.S., has received his doctor of ministry degree from Eden Theological Seminary in Webster Groves, Mo.

Mr. and Mrs. Michael W. Mann (Theresa C. Gautreaux) and their daughter, Shelly Ann, live in Atlanta, Ga. Mrs. Mann is a sixth grade teacher in the DeKalb County school system.

Larry T. Meneffee, M.A., is an assistant professor of speech at Georgia Southwestern College in Americus, Ga. He is working toward his doctorate degree in theatre at the University of Denver. Meneeffe, his wife, Gail, and their three daughters, Charissa, Melanie and Mandy, make Leslie, Ga., their home.

Larry D. Murphy is a partner with Kemper, Fisher, Faust & Lawrence, a certified public accountant firm. He, his wife, Beverly, and their son, Matthew, make Harrisburg their home.

1968 Mr. and Mrs. Robert A. Brunner (Barbara Hanna Goerke '65, M.A. '68) live in Charleston, W.V. Brunner is news director with WSZ-TV and his wife is a section chief of land reappraisal with the West Virginia Tax Department.

Mr. and Mrs. Larry A. Douglas (Diana Kay Douglas '70) and their son, Stephen, reside in Rosebud where Douglas is a farmer.

John A. Downey is claim supervisor with Reliance Insurance Company in Hazelwood, Mo., where he, his wife, Susan, and their two children, Richard and Jennifer, reside.

Mr. and Mrs. Bennett W. Fuller, Jr. (Georgia Lejman Fuller) have two children, Jennifer and Erin, and make San Diego, Calif., their home. Fuller is a parts sales and service representative with the Western Division of the Caterpillar Tractor Company.

Martin P. Lower, M.B.A. '68, has been promoted to a commercial banking officer position at Continental Illinois National Bank and Trust Company of Chicago.

Charles W. Mason, Ph.D., is an assistant professor at the University of Hawaii. He lives in Honolulu, Ha.

Elliott Pujol, M.A. '71, is an assistant professor of art at Kansas State University. A practicing metalsmith, he has received numerous honors and awards for his work in metals, including "Outstanding Young Metalsmith in America" in 1971. Pujol, a former teaching assistant at SIU, also has taught at the Tyler School of Art, the Penland School of Crafts and Temple University. His wife is the former Nancy Elizabeth Demorest '65.

Charles E. Rush is a forester with the State of Indiana. He and his wife, the former Georgia Helen Severson, ex '69, have two daughters, Carol and Jennifer, and make Evanston, Ind., their home.

Richard M. Stanits lives in Park Ridge, where he is assistant personnel
1969 Mrs. Emmett Bedford (Frances Murray Bedford), M. Mus., has written an article entitled "Spice Your Stories With Music" that was published in the humanities section of the October issue of Instructor.

Keith R. David, Ph.D., is an associate professor of philosophy at William Jewell College in Liberty, Mo. He recently participated in the Fourth Symposium on American Philosophy at Wintherthur, Switzerland.

Dr. William Lawler has opened a dental office in Marion, where he and his wife, Teresa Anne Lawler, reside.

Mr. and Mrs. Arthur E. Morgan (Emily Ann Walker) have one son, Arthur Eugene, Jr., and reside in St. Anne. Mrs. Morgan is a substitute teacher in the Hardin County schools in Kentucky.

Mr. and Mrs. Robert James O'Neill (Epp Rebane) reside in Prairie Village, Kan., where he is an attorney with Lathrop-Koontz Law Firm.

Dana Keith Reed is studying management problems with the administrative services group of AT&T. He and his wife live in New York.

Dr. Bruce Sammons resides in Champaign where he is practicing dentistry.

Linda Marie Wargel is department chairman of the business education department at Westview High School in Kankakee, where she resides.

Mrs. Sue Wolf (Sue Ann Delehoush) lives in Frankfort, where she is a teacher for the educationally mentally handicapped at Lincoln Way High School.

1970 Michael R. Berchem is an engineer with the Bernard Division of Dover Corporation. He makes Steger his home.

Richard A. Clarke makes Baldwinsville, N.Y., his home. He is a sportswriter with the Herald-Journal in Syracuse.

Terrence H. Ellis is a broker and salesman with The Ellis Company in Rock Island, where he, his wife, Kathrynn, and their two children, Troy and Corey, live.

Mr. and Mrs. William F. Hays (Sue Eichhorn Hays) and their daughter, Kelly Sue, make Guadalupe, Mexico, their home. Hays is a student at the Universidad Autonoma De Guadalupe Medical School.

Jeffrey Hochbaum, M.S., lives in Middlebush, N.J., where he is a professor at Middlesex County College.

Peggy Lou Leonard, M.S., is a computer technician and secretary with the David E. Fleming Company in Denver, Colo., where she resides.

Gary A. McGee, VTI, '72, is an instructor at Bailey Technical School. Granite City is his home.

Mr. and Mrs. John W. Ropell reside in Peoria, where he is employed in the purchasing department of the Caterpillar Tractor Company.

John R. Saint, VTI, '73, has been appointed an instructor of dental laboratory technology at Montgomery College in Rockville, Md. He and his wife, Trudy, make Greenbelt, Md., their home.

Mr. and Mrs. Thomas H. Warrington (Rosemary B. Warrington, M.S. '70) make St. Louis, Mo., their home. She is a senior auditor with Arthur Andersen and Company.

1971 Peter Alex lives in Chicago where he is a junior accountant with Banskly & Kiener, a certified public accountant firm.

Mr. and Mrs. Michael E. Bragg and their two children, Jon and Carrie, make Carbondale their home. Bragg is a patrolman with the Illinois State Police Department in DuQuoin.

Robert A. Dyer is an agriculture occupations instructor at Martinsville Community High School in Martinsville, where he and his wife, Brenda, reside.

Phillip W. Edmiston is senior accountant with Peat, Marwick, Mitchell & Company in Decatur, where he lives.

Mrs. Patricia Fleming, M.S. '72, is a lecturer at the University of New Hampshire. She and her two children, Jane and Ann, reside in Dover, N.H.

James Wayne Gilliam '73, lives in Champaign, where he is a photojournalist with The News Gazette.

Mr. and Mrs. Charles H. Hicks, Ph.D., (Anna Hicks '73) have two children and live in Morehead, Ky. Mrs. Hicks is an instructor of psychology and special education at Morehead State University.

Timothy W. Higham is a physical education teacher and coach in the Westminster school district. He and his wife, Susan, live in Westmont.

Mrs. Helen C. Hill, Ph.D., is an assistant professor in education at Kentucky State University. She makes Frankfort, Ky., her home.

Thomas H. Holland, Ph.D., is an instructor at Freed-Hardeman College. He and his wife, Linda, and their four children make Henderson, Tenn., their home.

Anthony E. Ivey, a professional photographer in Chicago, is conducting the photography phase of an artists' workshop in Paris, France. The workshop is sponsored by the school of art and the division of continuing education at SIU. Workshop students were accompanied by Dorothy Peplow Davis '72, administrative assistant in the division of continuing education.

Larry R. Lagasca lives in Broadview where he is a commercial artist with Burlingame/Grossman Inc., an advertising agency.

Mr. and Mrs. Ernest A. Lamm reside in Blue Island. He is employed with the Illinois Department of Mental Health at Tinley Park Mental Health Center.

Cheng-Sing Lien, M.A., is an instructor in the department of modern languages at Central Connecticut State College. He is working toward his Ph.D. in linguistics at the University of Pittsburgh. Lien, his wife and their son reside in New Britain, Conn.

Mr. and Mrs. Gary L. McKay live in Wood River, where McKay is supervisor with the Central Hardware Company.

Patricia A. McLane is an assistant librarian with the Carrollton school system. She lives in Carrollton.

Marshall E. Marlin lives in Kankakee, where he is a math teacher and assistant basketball coach at Westview High School.

Don I. Maurer, M.S. '72, is a design engineer with the Union Carbide Corporation. He, his wife, Pamela, and their son, Matt, make Metropolis their home.

Ross R. Maxwell is a regional manager with the Southern Forest Products Association. He lives in Mt. Prospect.

Anita J. Meeks is a child care worker at the Larkin Home for Children in Elgin, where she resides.

William J. Milks, Jr., is director of campus police at Newark State College. He and his wife, Carol, make Sayville, N.J., their home.

Jonathan Eric Reyman, Ph.D., is an assistant professor of anthropology at Illinois State University at Normal. He was recently granted funds by the National Science Foundation to conduct a four-year study on the Pueblo Indians. Reyman previously has conducted field study in the Southwestern United States, in Ecuador and in Jackson County. His wife is Susan Gertz Reyman '70, M.S. '71. 

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Jo Ann Summerford is a remedial reading teacher in the Granite City school district. She resides in St. Louis, Mo.

Mr. and Mrs. John C. Tanis, III (Carolyn Spence Tanis) and their daughter, Lisa Renee, make Dayton, N.J., their home. She is an executive secretary with the Optel Corporation.

Arthur Wolfenbarger is a surveyor in training with L. H. Loving & Associates. He and his wife, Kathy, and their two children, Joyce and Ryan, make Danville their home.

Robert C. Wright, Jr. is an engineer with Essex International Ineland. His wife, Diame Schmidt Wright, is a fifth grade teacher in Elwood.

1972 David Bachrach lives in Brooklyn, N.Y., where he is a dental technician with Nu-Life Restorations.

Terry L. Bina lives in Danville, where he is a teacher at St. Pauls Grade School.

Nancy A. Blank is a teacher at Augustana Nursery of the Lutheran Welfare Service, Riverdale is her home.

Peter B. Bondoli lives in Carbondale, where he is a salesman with Northwestern Mutual Life.

Mr. and Mrs. Anthony D. Butkus make La Grange their home. He is a sales representative with Proctor and Gamble.

Jessie M. Hailey has been selected as an "Outstanding Young Woman of America" for 1973. She makes Carbondale her home.

Mr. and Mrs. Kenneth R. Kruger (Lillian D. Kruger) make Rockford their home. He is recreation supervisor with the Rockford Park District and she is an elementary school physical education specialist with the Rockford school system.

Robylee K. Lankford is a stewardess with Northwest Orient Airlines, Burnsville, Minn., is her home.

John D. McCuskey is a planning assistant with Scruggs & Hammond, Inc., in Peoria, where he lives.

James A. Macrorglou is a field representative with the A. C. Nielsen Company. He resides in Wallington, N.J.

Shelia L. Mitchell makes Oakland, Calif., her home. She is a stewardess with United Airlines.

Karen S. Owens lives in Golconda. She is a caseworker with the Illinois Department of Public Aid.

Beverly A. Pasternak is a caseworker aide with the Cook County Department of Public Aid.

Mr. and Mrs. Michael R. Payne (Deborah Hindman Payne, M.S.) make Herrin their home. She is a fifth grade teacher at Hurst.

Diane M. Rancourt is a teacher in the Warwick School Department. She resides in Coventry, R.I.

Joe D. Schardein is an instructor and internship coordinator at Washburn University. He resides in Topeka, Kan.

Nanette L. Schaalibe resides in Morgantown, W.V., where she is an instructor and gymnastics coach at the University of West Virginia.

Barry Gene Talbert has been named director of sales of Meister-Neiberg Company, Inc.'s new Lake of the Winds project in Wheeling, where he and his wife reside.

Ildazio M. Taveras, M.A., is president of the Instituto de Estudios California. Salvador-Bahia, Brazil, is his home.

D. Berkeley Toeppen, Jr. has joined Clinton E. Frank, Inc., an advertising firm in Chicago, as an assistant account executive. He resides in Elmhurst.

Yutaka Toyota is assistant manager of the Toyota Manufacturing Company in Nagata-Ku Kobe, Japan, where he lives.

James W. Williams is a medical technologist at St. Mary's Hospital in Evansville, Ind. He and his wife, Roberta, have one daughter, Nell, and make Newburgh, Ind., their home.

Theodore H. Williams is a classification analyst in the personnel department of the Berkeley school district in Berkeley, Calif., where he and his wife, Nancy, reside.

Norman E. Witman is a caseworker with Child Care Service in Harrisburg, Pa., where he and his wife, Janice, reside.

James B. Wright, VTl, is a programmer with the Government Employees' Insurance Company. He and his wife, Karen, make Falls Church, Va., their home.

Mr. and Mrs. Dennis Zator (Susan J. Powers) live in Chicago, where Mrs. Zator is a programmer analyst with Sears Roebuck & Company.

1973 Mr. and Mrs. Richard A. Aubuchon and their daughter, Amy Michelle, live in Morton. Aubuchon is a purchase parts planner and expediter with the Westinghouse Air Break Company in Peoria.

Rebecca N. Brewer, who has completed a four-week training course at Delta's Stewardess School at Atlanta Airport, is a stewardess with Delta Air Lines.

Joshua B. Cohen has been appointed a physical education lecturer at Queensborough Community College in Bayside, N.Y. He makes Long Beach, N.Y., his home.

James R. Cummings is assistant editor with Tazewell Publications in East Peoria. Creve Coeur is his home.

Steven James Daoust makes Joliet his home. He has joined Interiors, Inc., a division of C. F. Murphy Associates of Chicago.

Mr. and Mrs. Glen E. Gideley (Donna Machalek Gideley '71) make Dubuque, Ia., their home. Gideley is an associate planner with the Dubuque County Metropolitan Area Planning Commission. His wife is a junior high girls' physical education teacher at East Dubuque Public School.

Mr. and Mrs. John F. Jacobs (Jacqueline E. Jacobs) live in Shaker Heights, Oh., where Mrs. Jacobs is a learning disabilities teacher at Lomond School. Her husband, a former assistant professor at SIU, is chairman of the new special education program at Case Western Reserve University in Cleveland.

Larry Dean Marris is an executive secretary with Monroe County Farm Bureau. He makes his home in Valmeyer.

Richard Eugene Powell is a member of the police division of the Carbondale Police Department. He and his wife, Joyce, have one child and reside in Carbondale.

Steven B. Schaefer is a student at Thunderbird Graduate School of International Management in Glendale, Ariz.

Michael W. Singleton, Ph.D., is an instructor in mass communications at Virginia Commonwealth University in Richmond. He has served graduate and teaching assistantships at the University of South Carolina and at SIU. He and his wife, Juanita, and their daughter, Angela, live in Richmond, Va.

Mr. and Mrs. Stephen Charles Stafford (Perina Lea Brueggeman Stafford '72) reside in Monticello, Ark., where he is an assistant forester with the Georgia-Pacific Paper Com-
**Marriages**

BARBARA JEAN HABERMAN '72, Shawneetown, to EARL RICHARD ABELL '72, Ridgway, August 18.

EVA JEAN MITSDARFFER, VT1 '73, Marion, to Richard Lee Allen, Marion, September 1.

JOYCE A. WARRICK '73, to PAUL J. BANCAH '72, September 15.

DONNA ELAINE EVERS '70, Carbondale, to Dan Owen Bowlin, Mounds, August 11.

VICKIE LYNN PITTS '73, Kell, to LEONARD EDMUND BRASHEAR '71, Orchardville, September 22.

KAREN HARRISON '73, Chester, to GREGORY V. BRUGLER '73, Homewood, August 11.

JUDY KAY MILLER, VT1 '69, to LEE CASH '70, October 6.

Patricia Madden, Evergreen Park, to NICHOLAS J. CLANCY '72, Roselle Park, N.J., July 28.

Victoria A. Green to EDWARD F. COTHRILL '65, Aurora, June 2.

PATRICIA JOAN BURG '67, to GARY C. COURTWRIGHT, September 7.

Carol Ann Matarelli, Peoria Heights, to CARL L. COX '67, Springfield, June 23.

Margaret Herring, Quincy, to DAVID A. GIBB '70, M.S. '73, Piper City, August 4.

SUE ELLEN JACKSON '66, to Robert Gillett, October 18.

DENISE HOPE AMSCHELLER '72, M.S. '73, Godfrey, to DAVID CHARLES GORBLE, M.S. '73, LeMay, Mo., September 8.

Cynthia Marie Wavrin to ROGER WILLIAM GROSSMANN '72, Winfield, August 25.

LINDA LAZIENKA '73, Chicago, to James Alan Hanlon, July 21.

VIRGINIA A. ZUNICH '71, to James A. Hill, August 18.

LINDA LAMBERT '70, to Stephen J. Holden, September 15.

BONNIE JEAN AKN '73, Murphysboro, to JOHN H. HOLLEY, VT1 '72, Murphysboro, August 25.

LINDA L. PEARSON '70, Rockford, to EDWARD L. HOMMEMA, October 20.

JANE MEER '72, to LARRY GORDON HOVER '72, May 26.

DIANA LEW MEADOWS '73, Christopher, to Danny Leslie Kirk, Sesser, August 4.


NANCY ANN KRIZEK to ROBERT J. KOOPMAN '66, May 19.

DEANNA K. MCCABE '71, to Dennis D. Loomer, September 1.

Dorothy Koch, Sullivan, to RONALD S. MANWARING '72, Sparta, August 4.

Carole E. Kelleher to LEN WAYNE MEENTS '69, June 2.

BARBARA GAYLE REYNOLDS '73, Mt. Vernon, to Wayne Edward Miller, McClure, August 11.

Mary Anna Youngman, Murphysboro, to RICHARD BRYAN NAGAI '70, M.S. '73, Skokie, August 11.

SANDRA KAY HALL '73, Carbondale, to Paul Joseph Newport, Des Plaines, August 18.

BARBARA KATHLEEN HICKS '73, Alexandria, Va., to Gary Roy Nimocks '73, Belvidere, June 30.

Ruth Funcannon, Benton, to TED W. OWEN '73, Carbondale, November 20.

Beverly K. Armbruster to FRANK E. PEARCE, VT1 '72, March 24.

Christine Winemiller to R. THOMAS PRICE, JR. '73, September 1.

BEVERLY SOLOMON to MICHAEL R. ROCHELLE '70, April 22.

BECKY LOU RODEEN '72, Paxton, to J. PATRICK PRINA, Galesburg, August 18.

SALLY ANN BODON '72, Valmeyer, to JIM L. PUGH, NU, Fort Recovery, OH, August 4.

GERALDINE HICKS '73, to Rogers Pur nell, February 25.

JOCILE ANN CARR, VT1 '63, to E. TAYLOR QUICK, August 25.

ROSAINE Bianconi to RICHARD RAMPER '71, M.S. '73, in July.

Jeana Lee Belcher to PAUL AUGUST ROGERS '73, November 10.

DIANE PATTERSON to GORDON SHELDON, VT1 '66, '70, September 30.

DELORES ANN HAYES '73, Sparta, to GARY WAYNE SIMPSON '70, Benton, August 4.

ELIZABETH A. SEVERNS '73, to MICHAEL ABBOTT SUTTON '72, September 8.

Wendy Sue Meyer, Seymour, Ind., to STEPHEN H. THOMAS '72, Carbondale, August 3.

DEBORAH LYNN SHUTTER to CHARLES LEE TYSMORE '73, September 29.

CINDY KERBER '73, Anchor, to KURTIS E. WRTH '73, Lyons, August 25.

PATTI JO POSKEVICH '73, Johnston City, to JOHN LYNDELL ZANOTTI, VT1 '70, '73, Johnston City, August 11.

**Births**

To Capt. and Mrs. WILLIAM BEQUETTE '69 (CHERYL BAILEY BEQUETTE '70), Panama City, Fla., a daughter, Linda Sue, July 22.

To Mr. and MRS. JOHN M. BOYD '70, (CAROL S. DELAP BOYD '69), Knob Noster, Mo., a daughter, LORA ANN, born September 21.

To Mr. and Mrs. ROBERT BRETTRAGER '71, (DIANA HARRIS BRETTRAGER '71), Des Plaines, a son, MATTHEW ROBERT, born October 21.

To Mr. and Mrs. ABRON W. CAMPBELL '72, St. Louis, Mo., a son, ROBERT CHRISTOPHER, born July 21.

To Mr. and Mrs. ELBERT W. CARROLL '66, Joliet, a son, Peter, born April 14.

To Mr. and Mrs. THERON T. DEWEY 'II, VT1 '66, '67, M.A. '69, Madison, Wis., a daughter, AMY ELIZABETH, born July 17.

To Mr. and Mrs. PETER C. DORAN, M.S. '60, Ph.D. '66, Belgrade, Me., Diana Alden, born July 14.

To Mr. and Mrs. GARRY RUSSELL FANCHER '69, (MARGARET ANN MILES FANCHER '69), Dyess AFB, Tex., a son, RUSTY ALLEN, born October 31.

To Mr. and Mrs. W. SCROGGINS '70, (MARCIA JEAN FRANKENBERY, VT1 '70), a daughter, SHELLY LOUISE, born October 27.

To Mr. and Mrs. HOWARD W. HILL, JR. '72, Murphysboro, a daughter, LORENE G., born March 29.

To Mr. and Mrs. MICHAEL E. JENNINGS '67, (PAMELA LEIGH KIDD JENNINGS '67), Florissant, Mo., a son, BRIAN ANDREW, born April 2.

To Mr. and Mrs. PETER H. LIU, M.A. '69, Ph.D. '72, Greenwood, Miss., a son, ALFRED, born May 9.

To Mr. and Mrs. JAMES CRAIG MCKAY '70, (EILEEN LOUISE SMILEY MCKAY '70), Virginia Beach, Va., a son, MICHAEL SCOTT, born October 15.

To Mr. and Mrs. ARTHUR MICHAEL PODGORSKI '67, (SALLIE DALE BLAIR PODGORSKI '69), LeRoy, a son, JASON ARTHUR, born August 4.

To Mr. and Mrs. ALAN LEE RIDER '72, Richmond, Va., a son, TIMOTHY FRANCIS, born September 15.

To Mr. and Mrs. WILLIAM G. SCWARTZ '73, (MARY BOND SCHWARTZ '72), Carbondale, a son, TIMOTHY WILLIAM, born October 3.

To Mr. and Mrs. RANDOLPH DAVID SCROGGINS (NANCY JEANNE CABLE SCROGGINS '72, M.S. '73), Carbondale, a son, ANDREW LYBURN, born July 26.

To Mr. and Mrs. JOSPEH A. SPAIR '70, (MARGARET M. LAWRENCE SPAIR '70), Schaumburg, a daughter, KRISTIN, born April 21.

To Mr. and Mrs. W. T. B.
Deaths

1905 Cloyd C. Hall, 2, of Santa Monica, Calif., died September 27. Mr. Hall retired in 1937 from the Benson, Ariz., public schools, where he had been superintendent of elementary schools, a high school teacher and high school principal. Surviving are his wife, Bertha, a sister and a son.

1925 Mary Alice Reno Casper, 2, of Cobden, died November 14 in St. Joseph Memorial Hospital in Murphysboro. She is survived by her husband, Bert—a former member of the Alumni Association’s board of directors—a son, three sisters and two grandchildren.

1928 Colleen Edith Garricus Barlow, 2, of Cayucos, Calif., died August 30. She was a retired teacher, having taught 33 years in the Benton school system. Mrs. Barlow is survived by her husband, Lewis, and two sons.

1929 W. Stewart Williams, of Springfield, died October 10 in Springfield Memorial Hospital. He was a field service director for the Illinois Education Association until his retirement in 1971. A life member and former treasurer of that association, Mr. Williams also was a life member of the National Education Association, secretary of the Optimist Club of Springfield and a member of the Retired Teachers Association. He is survived by his wife, Evelyn, a son, an aunt and several cousins.

1939 Oveta Good, of West Frankfort, died October 17 in Franklin Hospital in Benton. Miss Good was a retired school teacher. Surviving are several aunts, uncles and cousins.

1941 Joseph C. Deaton, Harrisburg, died November 25 of an apparent heart attack. He was president at Southeastern Illinois Junior College at the time of his death. Mr. Deaton had previously held school posts in Harrisburg, Carlyle, Hoyleton, Valmeyer and Shelbyville. He is survived by his wife, Jane.

1944 James H. George, M.S. ’51, of Marion, died November 4 in Marion Memorial Hospital of an apparent heart attack. He retired last year after teaching 19 years at Marion Senior High School. Mr. George previously had taught at West Frankfort, Christopher and Pinckneyville. He was employed by Kimmel Auto Supply in Marion at the time of his death. Survivors include his wife, Janet, his mother, a sister, a brother, two nephews and two nieces.

1947 Alma Veatch Sanders, ex, of Herrin, died November 13 in Herrin Hospital. She was a retired school teacher, having taught for 47 years in the southern Illinois area. Mrs. Sanders is survived by two daughters, a son, three sisters, two brothers and nine grandchildren.

Helen C. Simpson, ex, of Evansville, died October 30 in St. Clements Hospital in Red Bud. A member of the National Education Association and the Illinois Education Association, Mrs. Simpson was a school teacher in Randolph County for 39 years, and in Waterloo for 18 years. She is survived by a brother.

1962 Sandra Lee Cuni, M.A., of Covington, Ky., died April 16 in St. Elizabeth Hospital of a brain tumor. An associate professor of English at Thomas More College, she previously taught at Lady of Providence Academy in Newport and at Mother of Mercy Academy in Cincinnati. Miss Cuni received her Ph.D. in 1972 from the University of Pittsburgh. She was a writer and poetess, and also was a member of the National Council of Teachers of English and the board of trustees at TMC. Surviving are her mother, a sister and her paternal grandmother.

Walter E. Westbrook, M.S. ’69, of Cahokia, died October 30 in Belleville Memorial Hospital of an apparent heart attack. He was assistant principal of Cahokia High School and also served as a football and baseball coach there. A member of the Illinois High School Principals’ Association, Mr. Westbrook also belonged to the SIU Lettermen’s Club. Survivors include his wife, the former Donna Marie Yattoni, VTl ’60, his parents, three sons, two sisters and three brothers.

1971 Linda Kay Payne, of Energy, died November 16 in Anna, as a result of injuries suffered in a car accident. She was employed at the Norge Division of the Fedders Corporation in Herrin at the time of her death. Miss Payne is survived by her parents, Mr. and Mrs. Joe Payne, a sister, and her grandparents.

1973 Kyle Magnotti, of Burbank, Ill., died November 24 in a fire that destroyed a house in Crab Orchard Estates, east of Carbondale. She was visiting with friends over the holiday weekend. Miss Magnotti is survived by her parents, Mr. and Mrs. Charles Magnotti, her maternal grandparents, her maternal grandmother, a sister and a brother.

The Alumni Office also has been notified of the following deaths:


1922 LeRoy Pickett, 2, Bethalto, June 1.

1923 W. J. Zahnower, 24, Waterloo, September 17.

1930 Florence A. Baumann Hines, 2, Leon, Ia., September 17.

1946 Margaret Jane Stafford Scott, ex, St. Petersburg, Fla., July 28.


FAC Benson Poirier, of Carbondale, died November 22 at Doctors Memorial Hospital in Carbondale. At the time of his death, Mr. Poirier was an assistant to the director of student work and financial assistance and an assistant professor in the department of guidance and educational psychology at SIU. He served on an educational team from SIU in Saigon, Vietnam, from 1966 to 1968. Survivors include his wife, Frances, two sons and a brother.

RET FAC Jess W. Turnbow, of Carbondale, died November 24 in Doctors Hospital, where he had been hospitalized following a stroke. A former assistant to SIU President Delyte W. Morris and the school’s liaison with the state legislature for ten years, Turnbow served at the university from 1955 to his retirement in 1967. Survivors include his wife, K. Irene, two sons, one daughter and six grandchildren.
Handsome SIU playing cards feature the finest patented Redi Slip plasticized finish which resists wear and can be wiped clean with a damp cloth. One deck backed in white and gold, the other in maroon, white and gold—both with the SIU seal in gold. With an extra joker for canasta in each deck, they're packed in a twin-tuck gold carton and mailing case. The perfect gift and only $3 a set. Illinois residents add 5% sales tax.

Here's a conversation piece with practicality that's exclusively ours! A 12 ½ oz. set of eight glasses with chip resistant rims, weighted bottoms and baked on crest and lettering. Safe for use in automatic dishwashers. Packed for safe shipping in cartons of eight. The price of only $6 includes handling charges, packaging, postage and tax.

Here's a new item also available only through the Alumni Association—small drinking glasses. A 7½ oz. set of eight glasses with chip resistant rims, weighted bottoms and baked on crest and lettering. Safe for use in automatic dishwashers. Packed for safe shipping in cartons of eight. The price of only $6 again includes handling charges, packaging, postage and tax.

All new, custom-made license plate frames are now available for you. These sturdy frames are beautifully styled, tool and die cast, triple chrome plated and finished in brilliant SIU colors. Now instead of carrying a free plug for some auto dealer, you can show you're an SIU constituent and Saluki backer and promote Southern Illinois as well! The price of only $5 a pair includes handling charges, packaging, postage and tax.

Here's a new item available through the Association—a 17 oz. set of four glass mugs. These too have the chip resistant rims, weighted bottoms and baked on crest and lettering. Safe for use in automatic dishwashers. Packed for safe shipping in cartons of four. The price of only $6.95 includes handling charges, packaging, postage and tax.

Adults and children alike will love these easy-going cotton knits in the SIU colors with SIU imprint—and you'll love the price. Available in children's (C) sizes S, M, L and adult's (A) sizes S, M, L, XL.

Maroon with white letters @ $2.25
White with maroon letters @ $2.25
Maroon with white letters, edging @ $2.45
White with maroon letters, edging @ $2.45
Price includes tax, postage and handling.

Now you can also purchase sweatshirts with SIU imprint and colors through your Alumni Association. These long-sleeved easy-to-care-for cotton and polyester sweatshirts may be machine washed and tumble dried. Available in children's (C) sizes S, M, L ($4.50) and adult's (A) S, M, L, XL ($4.95). Be sure to state maroon with white letters or white with maroon letters. Price includes handling charges, packaging, postage and tax.

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Send to:
SIU Alumni Office
Southern Illinois University
Carbondale, Ill. 62901

Make checks payable to the SIU Alumni Association.
We are in the process of computerizing our records. If there is an error in your address, please let us know immediately.

Your Help Is Needed!

Summer jobs, both part-time and full-time, are becoming more and more important to an ever-increasing number of SIU students. Scholarship and loan funds simply haven't kept pace with student needs in recent years. For many students, summer presents an opportunity to get out and earn more money to finance an education through the rest of the year. At the same time, a summer job can be an educational experience in itself. A full roster of summer jobs in the Student Work and Financial Assistance Office could spell opportunity for a great many SIU students. Summer work can play a great part in career goals and individual maturity.

Information on jobs in federal and state agencies is available, but we need information on job openings in local government agencies and private businesses. We believe that you in the Alumni Association, recognizing that a primary objective of your organization is to help students, can be of assistance. You may not be in a position yourself to offer summer employment, but if you know someone who is, please let us know. We'll be grateful, and so will a lot of students! Please write or fill out the form below and send today to:

Summer Employment Coordinator
Office of Student Work and Financial Assistance
Southern Illinois University
Carbondale, Illinois 62901
(618) 453-4334

Or, if you live in the Chicago area, write or call the SIU Chicago office:

SIU Information Office
625 North Michigan
Suite 500
Chicago, Illinois 60611
(312) 337-0158

Request for Student Help

| Name: ___________________________ | Company __________________________ |
| Address __________________________ | Phone ____________________________ |
| Number of Students: ____________ | |
| Type of Work __________________________ | |
| Student Qualifications __________________________ | |
| Date Job to Start: ____________ to End: ____________ | |
| Rate of Pay __________________________ | |

Date: __________________________