

## Fellowship Applications

The graduate college is now accepting research fellowship applications for the coming academic year.

All graduate students currently enrolled are eligible to apply for one of the \$2,600 fellowships which cover a nine-month period of study.

Necessary application forms are available in Administration 204, the office of the University Grants Committee.

The completed forms, including three letters of reference, must be submitted to Vice President W. J. Burke, Chairman of the Grants Committee,

not later than March 1.

An agreement to devote full-time study to the graduate program while holding the fellowship, including 20 hours per week in research, is one of the requirements governing graduate research fellowships.

Awards will be announced in April.

### State Press Quits Friday

By DAREN KRUPA  
Termination Writer

The State Press will terminate this semester's publication schedule with Friday's edition. The State Press will not publish during the week before exams, during exams week or during registration week.

The paper will resume publication under a new staff Feb. 7. Deadline for both classified and display ads for Friday's paper is 3:30 p.m. today.

Two \$1,200 Phelps Dodge Grant Scholarships and the Herman E. DeMund Memorial Scholarship valued at \$1,000 are available to graduate students during the next academic year.

One of the P.D. awards will be presented to an outstanding student for advanced study in any field, while the other scholarship is restricted to a male student in engineering, with preference given to candidates in mining, geology, metallurgy, or allied fields in the mineral industry.

Selection of the Herman E. DeMund Scholarship will be (Continued on page 6)



**ONE OF NOAH'S** — This lizard was found yesterday lurking in Hayden Library. Chuck Cornelius, junior engineering student, was browsing when he came across the scaly beast on a shelf in the religion section. The 20-inch lizard was identified as an iguana, a creature native to Latin America.

Photo by Terry Ross

### Day of The Iguana—

## Intellectual Lizard Discovered by Student

By DENISE CORNELIUS  
Iguanas aren't particularly common in the library, but Charles Cornelius, junior design technology major, spotted one draped across several volumes

of "Religious Education" yesterday morning.

"It was about 20 inches long including the tail. At first I thought it was a stuffed specimen," he said, "but after careful observation of the motionless lizard, decided it must be alive. The bottom of its body rested in form with the top edges of the books."

CORNELIUS reported that there was a "lizard in the stacks" to Mrs. Zona Dial, head of the humanities reference service. "I called the zoology department — I don't think they believed it at first, but they said to bring it over," she said.

Cornelius and library workers Doug Deever and Terry Rutherford chased it into an empty wastebasket, covered it with a book and took it to Dr. Wendell Minckley, assistant professor of zoology, in the Life Science

building.

Dr. Minckley turned the lizard over to Dr. Neil Hadley, also assistant professor of zoology, who reported its scientific name to be Ctenosaura. "They are found primarily in South and Central America, but some have been brought across the border. There are several kept at the Phoenix zoo and some pet stores have them."

DR. HADLEY said the animal is sometimes referred to as Black or Tree Iguana. They are not poisonous, but they bite and have sharp claws and may lash with their tails.

"It will be kept here," said Dr. Hadley. "We have it in a special cage now and when it gets warm enough we will keep it in our outside observatory."

Dr. Hadley said he didn't know how the animal could have gotten on the top floor.

## Student Abuse of Drop-Add Causes Review of Program

(Third of Five Parts)  
By LARRY ROSS

Most students are vitally concerned with admissions procedures, scholarships and social activities. Consequently, the recently compiled goals report concerns itself extensively with these three areas.

One recommendation in the admissions area is a suggestion that the drop-add procedure be reviewed this year with the idea in mind of dropping drop-add.

"THE COMMITTEE was of a mind that there is indeed a gross abuse of drop-add, and that the privilege is questionable when you have this abuse," said Dr. Richard G. Landini of his goals committee's decision to put this recommendation into the goals report.

The committee chairman noted that on the average there is one drop or add for each student per semester, which he contended was needlessly time consuming and expensive.

"There must be some effort to control and regulate this procedure by the faculty and students," Dr. Landini said. "We did not recommend that a price tag (charge) be placed on drop-add, but rather that a more adult view of the procedure be taken."

IN CONJUNCTION with this, the report recommended the implementation of plans to reduce confusion, to reduce paperwork and to eliminate unnecessary procedural duplication in the registration process.

The committee also suggested a speed-up in the investigation of automated registration procedures through the use of computers.

General education requirements got rapped in the form of a recommendation that a comprehensive survey of related practices and standards on admission, registration, retention and rec-

ords keeping be made at other universities this school term.

THE REPORT noted that efforts should be made "to rescue students from drowning in what is at present, in the opinion of the committee, a morass of outmoded academic requirements."

Dean Landini indicated in a recent interview that the general education requirements were what was generally referred to in the recommendation.

"There was a feeling that perhaps it was now time for innovations, review and modifications of these requirements to make certain we were giving the best possible education," he said.

DR. LANDINI added, "There was a sense that we were playing the numbers game and had fallen into a lethargy of custom, and we wanted to make sure that, if we do use the numbers system (a specified amount of units for graduation), we understand what is behind the numbers."

The report recommended as an immediate goal for 1967-68 the devising of methods to improve communication between the registrar's office and college departments, specifically concerning transfer of credits and graduation checkout.

Dr. Landini noted that the competition for good graduate students is extremely keen, and that they should not be lost by default, such as registration mix-ups.

"THERE HAVE been rumblings that registration may not be coordinated," he said. "The registrar's office does a good job considering the number of applications it receives, but it should recognize a department's anxiety over losing good graduate students."

Dr. Landini indicated that steps were being taken to insure that good students are not lost by default.

(Continued on page 3)

## Odd Pattern Formed By Mischief Makers

A strange pattern of malicious mischief may be materializing on campus according to Lt. Thomas Godbehere of Campus Security.

The mischief involves two incidents of smashed chewing gum machines in the Life Science Building and the Education Building Saturday and Sunday nights.

Lt. Godbehere said someone is shattering the glass in the machines and scattering the gum on the ground. He noted that no money was taken from the machines in either incident.

The lieutenant pointed out that the mischief is rather unfortunate and inconsiderate since the

Lions Club places the gum machines here for the benefit of various community charities.

Lt. Thomas Godbehere of Campus Security said yesterday that thieves took merchandise valued at \$200 from the locked car of senior Mrs. Patricia Blagen Monday night.

Lt. Godbehere said someone smashed the right front window of Mrs. Blagen's car and took a citizens band radio and a woman's black coat.

The car was parked in area 75 east of the Engineering Complex between 6:30 and 8:30 p.m.

**Says Prof. Nielson -****Mao Is Influenced by Zin**

Assistant professor of Chinese, Thomas P. Nielson, who spent last year in Taiwan on a Fulbright scholarship, spoke before the Center for Asian Studies last week.

According to Nielson, Ch'an Buddhism, better known as Zen by its Japanese name, is an extension of the ancient philosophy of Taoism whose influences are evident today in the writings and thought of Red China's leader Mao Tse-tung.

"MAO DISCUSSES friendship, mountains and rivers. From a cultural point of view, he is definitely influenced by the old traditions," he said.

"The roots are so deep that the modern Chinese rebel, trying desperately to separate himself from tradition, discovers he is very much a part of it," Nielson continued.

He stressed that the nation's universities must teach Ch'an-Taoist thought to thousands of young Americans if we are to cope successfully with Red China.

NIELSON ADDED that Americans who try to understand Red China, must comprehend the modern Chinese mind which is deeply influenced by Ch'an-Taoist culture.

Ch'an Buddhism stresses a philosophy of deep friendship and oneness. As a result, a believer sees himself as part of the universe without losing a sense of individuality.

"This philosophy is evidenced in the actions of many young people today," Nielson observed, referring to the hippies who adopt many of the philosophies of Ch'an or Zen Buddhism.

**Grants Awarded  
Total \$321,650**

The National Science Foundation awarded five grants to the University totaling \$321,650 to support institutes to increase the teaching proficiency of approximately 175 college and secondary school instructors.

The grants provide dependency allowances for the institute participants who will receive the instruction of regular fac-

ulty and guest lecturers from other colleges throughout the country. Beginning in September 1968 through July 1969, the program will be directed by Dr. George M. Bateman, professor of chemistry.

Dr. Bateman will be assisted by Dr. Chester R. Leathers, associate professor of botany, who has been designated associate director of the institute.

**Audiovisual Program  
Planned for Summer**

An eight-week institute for the advanced study of production in self-instructional audiovisual materials, sponsored by the U. S. Office of Education, will be conducted this summer on campus.

The program is designed for 40 participants who will be trained in the production of audiovisual or programmed materials in a school system or in an institution training elementary or secondary school teachers.

Dr. Vernon S. Gerlach, chairman of the department and instructional materials.

of library science and coordinator of educational technology, will serve as director of the institute. Gerlach is also one of the nation's leading authorities on audiovisual

Requests for application to the institute should be directed to William Berkshire, Education 109, Arizona State University, Tempe, Arizona, 85281, before March 17.

**Honor Society Initiates 80**

Eighty of the University's leading academic students were initiated Sunday into the campus chapter of Phi Kappa Phi, national honorary scholastic society.

Initiation rites were conducted in the MU by Gordon L. Bender, professor of zoology and chapter president of the society.

"The Challenge of Urban America" was the theme of the evening's major address, given by Phoenix mayor Milton Graham.

Phi Kappa Phi recognizes scholarship in all phases of academic endeavor, rather than restricting its elections to a specific or limited field. Membership in the society constitutes one of the highest honors that come to a university scholar.

The dinner program featured musical selections by Susan Mecham, a Tempe soprano who will compete in the final Metropolitan Opera auditions in February.

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# Seats Available for 'On A Clear Day'

Approximately 1,000 seats are still available for the two performances of "On a Clear Day You Can See Forever" this week.

Starring Howard Keel and Linda Michele, the play will be presented Thursday on the Fine Arts Series and Friday on the Theater Series. Nearly 5,000 seats have already been claimed for the two shows.

# Geologist To Speak To Class

The hit Broadway musical by Alan Jay Lerner and Burton Lane tells the unique love story of a young psychiatrist whose heart is torn between a 20th century scatter-brain and the 18th century noblewoman she becomes through his experiments with reincarnation.

Dr. Martin Prinz, associate professor of geology at Tufts University, will talk to this week's geology colloquium at 3:40 p.m. this afternoon in AG 150.

The subject of the talk will be "Petrology of the Sierra Ancha Sill Complex," a sedimentary and igneous rock formation in Gila County, Arizona.

Dr. Prinz has done research in Montana and Wyoming on the origin and development of basaltic dike swarms, the migration of basalt, a dark grey to black igneous rock, that has been injected into fissures while molten to form dikes. He has also published extensively in geology journals.

## MORE ABOUT —

## Committee Report

(Continued from page 1)

Also included in the recommendation was a suggestion that standing university committees be charged to deal with only one area and then closely coordinated with other committees.

THE REPORT suggested that new policies be developed to raise admission standards, and that additional flexibility be introduced into admission policies and procedures.

These seemingly contradictory aims were explained by Dr. Landini as revolving around the present policy of admitting applicants from the top 75 per cent of Arizona high school students.

He said that some committee members had felt the 75 per cent figure was too high and should be lessened to a more restrictive level, but that they had also recognized a danger in restricting certain types of students.

"WE RECOGNIZE that some in the top 75 per cent are really not prepared for college work," Dr. Landini said, "but at the same time we should take into account the records of students who develop late or have accomplishments to their credit, which do not ordinarily show up in the admissions process."

Recommended as goals for 1968-69 were the awarding of a reasonable percentage of academic scholarships on the basis of merit alone, a substantial increase in the number of out-of-state scholarships and an increased effort to expand the present scholarship program through private bequests and alumni support.

A study of present policy on the awarding of scholarships and fellowships was recommended

for this academic year.

ALSO RECOMMENDED was a study of scholarship and fellowship grant procedures at other universities.

"We must look into poverty pockets to make sure we do our job of work where the news of the advantage of a college education does not reach," said Dr. Landini.

"There should be scholarships for minority groups and underprivileged areas," he added. "Give them a shot at it (education), and, if they can't make it, then ok, they can't make it."

THE REPORT jumped from the scholastic to the social side of a college education with a recommendation that consideration be given to the establishment of social and recreational facilities in or near existing and proposed new housing complexes.

"It is a long haul from Palo Verde to the playing fields," Dr. Landini quipped, indicating that snack bars and lounges were what the committee had in mind.

"There ought to be a centralized snack bar that the University provides — so there is a sense of identification," he said.

THE REPORT also gave the communications problem a once over and recommended the establishment of new and better means of communication between students, faculty and administration this year.

Included in the recommendation was encouragement of experimentation in the use of TV instruction, tutorial instruction and similar arrangements to enhance the professor-student relationship.

STATE PRESS is published by Arizona State University as the official campus newspaper every Tuesday through Friday during the school year, except holidays and examination periods, and is entered as second class matter at Tempe, Arizona, 85281.



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# Paul Johnson

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## C+ University

This week's Look magazine has a fascinating article called "Needed: A University for the C+ Student."

The author, Harold A. Fitzgerald, puts forth a convincing argument in favor of establishing a special University for the exclusive use of the C+ college student. Here's how it goes:

**IT HAS BEEN** noticed that a great percentage of the top jobs in industry, finance, business and even education ultimately are captured by those who get through college with a C+ average.

The article quotes a letter Novice G. Fawcett, president of Ohio State, received from the president of Yale years ago, which said:

"Always be kind to your A and B students. Someday, one of them will return to your campus as a good professor. And also be kind to your C+ students. Someday, one of them will build you a \$2,000,000 science laboratory."

Another instance of the C+ superiority is described in the consternation experienced by the A student who becomes a surgeon and too late discovers that the insides of a patient don't look like the medical school diagrams. The C+ surgeon, however, refuses to be shaken and calmly probes to discover the ailing organ.

**THE GIRL C+s** aren't ignored. They're good-looking, exciting coeds who don't need miniskirts to attract male attention. They have enough sense to know when to say No—and when to say yes.

Hippies would be barred from the C+ University. There would be no masculine, baboon faces with grisly hair. They'd get a single warning — then sent to inner Siberia.

Students who fail to approximate their own best work would be warned once, and then kicked out with the recommendation that they try Harvard, Stanford or Cambridge. Those who do their level best would be awarded C+ grades and placed on an international honor roll.

**COURSES WOULD** be offered in handling affairs at the House and Senate. Special training would be provided for those destined to become Supreme Court Justices.

Lawyers would be taught to write wills and agreements that even they can understand themselves. The law school judges would be taught to send criminals to prison instead of suspending sentences with sharp admonitions of: "Now, you be good."

C+U doctors would make house calls and engineers would design water faucets that turn just one way.

**C+U WOULD** believe completely in the freedom of the individual. But, equally, would hold that the freedom of all society is infinitely superior to the freedom of any individual or coterie.

The author ends with a request for someone to come up with the 2,000 acres and \$100 million needed to get the place started.

Where do we send our donations?



I'M AFRAID BURNING YOUR  
LIBRARY CARD WON'T QUITE  
MEET OUR REQUIREMENTS, WILSON

## Letters to the Editor

Editor:

Reflecting on the recent outdoor art exhibit on the ASU campus, it suddenly became quite clear that ASU has solved a national dilemma.

Lady Bird Johnson has a drive under way to beautify America. She has spent much time speaking, traveling, planting trees like a true dog lover and persuading her husband that beautification is the political thing to do.

**HER HUSBAND** has supported the drive by tying the beautification program to the granting of federal funds. He has also tried to move wrecked car lots and scrap metal yards away from the highways so that our eyes need not be unnecessarily assailed by the unsightly rusting images of deformed and crunched up metal.

All this effort to little avail.

Now, ASU Art Department has solved it all. Their solution: lower art to the status of junk, then all American highways become art galleries. The great American public is sated with the knowledge that they are dashing about the countryside in a piece of future art. Refrigerators and stoves lose their mundane identity — they become masterpieces of the coming age.

**OUR ETERNAL** gratitude is to ASU art. A major problem of the Great Society is no more.

Having recently visited with the vice-president of the Salamagundy Club, the 100-year-old New York City art club, who expressed his views of modern art as an art of no talent, and much the same as outlined above, it seems certain many real art lovers will be reluctant to support ASU's contribution to easing eye sores.

In fact, these opinions find support in a recent article in a popular magazine that proposed the observation that an amateur artist is one who works to support himself until the world discovers his art. A professional artist is one whose wife works to support him until his artistic ability is appreciated by the world.

Yours, for better choo choo trains and less junk.

T. R. Wheeler

**Editor's Note:** The following letter from a coed isn't for real — Just for fun.

Dear Mom and Dad:

It has been three months since I left for college. I have been remiss in writing and I'm sorry for my thoughtlessness. I will bring you up-to-date now, but before you read on, please sit down. You are not to read any further unless you are sitting down, okay?

Well, I am getting along pretty well now. The skull fracture and the concussion I got when I jumped out of the window of my dormitory when it caught on fire shortly after my arrival are pretty well healed by now. I only spent three weeks in the hospital and now can see almost normally and only get those sick headaches once a day.

**FORTUNATELY**, the fire in the dormitory and my jump was witnessed by an attendant at the gas station near the dorm and he was the one who called the fire department and the ambulance. He also visited me at the hospital and since I had no place to live because of the burnt-out dorm, he was kind enough to invite me to share his apartment with him. It's really a basement room, but it's kind of

cute. He is a very fine boy and we have fallen deeply in love and are planning to be married. We haven't exactly set the date yet, but it will be before the pregnancy begins to show.

Yes, Mom and Dad, I am pregnant. I know how much you are looking forward to being grandparents and I know you will welcome the baby and give it the same love and devotion and tender care you gave me when I was a child. The reason for the delay in our marriage is that my boyfriend has some minor infection which prevents us from passing our premarital blood tests and I carelessly caught it from him. This will clear up with the penicillin injections I am now taking daily.

**I KNOW YOU** will welcome him into the family with open arms. He is kind, and although not well educated, he is ambitious. Although he is of a different race and religion than ours, I know your oft-expressed tolerance will not permit you to be bothered by the fact that his skin color is somewhat darker than ours. I am sure you will love him as I do. His family background is good, too, for I hear that his father is an important gunbearer in the village from where he comes.

Now that I have brought you up to date, I want to tell you that there was no dormitory fire, I did not have a concussion or a skull fracture, I was not in the hospital, I am not pregnant, I am not engaged, I do not have syphilis and there is no man in my life. However, I am getting a D in history and an F in science class and I wanted you to see these marks in their proper perspective.

Your Loving Daughter.

## Idiot's Tale

By KERRY BROWN

Have you noticed that the view around the mall has changed? The annual Christmas and New Year effects have taken place.

If you are not quite sure what I mean take a look around you. Here and there, in fact everywhere you see new clothes. For the first time you can see a hippie with a crease in his trousers and a pair of socks on his feet. You have probably never seen so many polished shoes and color coordinated outfits in your life.

**ANOTHER SURE** sign that holidays have been here is the expanded waist line. There is undisputable proof that mother's

cooking is better than the school's.

I think that we can expect to see shorter lines in the cafeterias for the next two weeks. You will also notice a lack of females in the eating establishments. Men, if you have been considering taking your best girl out for dinner now is the time. She is bound to be on a diet and probably won't eat a thing.

You have probably seen a more determined look for success on the faces of your cohorts. Don't mistake it for a look of fear of impending finals. It's the determination from a New Year's resolution to do better than before. Ah hah! Already we can see the grimacing, pain-

ful expression on some faces. It is caused from the inner conflict of outer emotions acting on those hideous resolutions.

**THE POST-vacation** traffic problem is greater than usual this year. Walking across the intersection of College and University can be extremely hazardous. To borrow a quote from Professor Zimmerman on that subject, "There are only two kinds of people now-a-days: quick and the dead. If you're not quick then you are dead." This phenomenon is due to Santa Claus's generosity. New cars, new tires, new parts were all found under Christmas trees. I swear I don't know how Santa got that car down the chimney.

state press

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# Best Informal Rush Ends '67

With the end of the year, came the end of fraternity informal rush. 113 persons pledged during informal rush to make it one of the best informal rushes in years, says IFC President Norm Kitzmiller.

Phi Delta Theta claimed the largest informal pledge class with 16 members brought in. Persons brought in during informal rush are:

Alpha Epsilon Pi: Barry N. Slawsky, Paul Hamilton and Fred Rotstein.  
Alpha Gamma Rho: Royert Joseph Schwarz, Dick Eastman, Ronnie McPherson, Stanley Ashby, Michael Robison, Kenneth Gardner, Richard Housley, Mi-

chael Andrade, Tom Allen, Rex Hinshaw and Stephen Keck.  
Alpha Tau Omega: Michael Thiele, Jon Lewis, Timothy Bray, Philip Graeff and Dennis Hartley.

Delta Chi: Keith Kumm, David Ford, Matias Banegas, Bruce Olson, Gregory Heck and Victor Sierpina.

Delta Sigma Phi: Terrance Dun, Dan Neesby, Richard Hothem and James Hughes.

Kappa Sigma: Gregory L. Geisel, Michael Rebochak, Robert Baker, Frank Sweet, Stephen Fuller, Allan Bergold, Ronald Johnson, John Choat and Grant Davis.

Pi Kappa Alpha: Dan Willey, Valentine Christmann, William Russell, Dennis Weber, John Gort, Brian McClellan, Donald Stromberg, Howard Rosch and Derick Kipp.

Phi Delta Theta: James Erickson, Charles Davis, Steward Sandro, Chase Arnold Bright, David Thompson, Thomas

Arthur Townsend and Hans Nordstrom.

Also, Joe Pacheco, Robert Slenske, Bruce Erlanson, Doug Hixon, Roger Steeby, Bill Gooding, William Blair, Richard Miller and Michael Reynolds.

Phi Gamma Delta: William Bailey, Michael Sorch, Russell Heideman, Timothy Mullen, John Phillips, James Ernst, James Stamatis, William Peck and John Peck.

Phi Kappa Psi: William Galloway, Michael Landsman, William Brunswick and Greg Michael.

Phi Sigma Kappa: Randy Guffey, Bill Hoyer, Kevin English, Stephen Shreffler, Wayne Mulkey and Stephen Simmons.

Sigma Nu: Richard Yannuzzi, John Domont, Stephen Hamlin, Larry Peterson, Gerald Gordon, John Kennedy and John Krause.

Sigma Phi Epsilon: James Witko, Loch Ledford, Albert Kading, Joseph McAlister, Edward Cowle and Richard Patton.

Also, Anthony Reed, Ben Henderson, William Hines, Michael Derovin, Kent Thompson and Lloyd Wong.

Tau Kappa Epsilon: Lance Daugherty and Roger Ostensen.

Theta Delta Chi: Patrick Sayegusa, Bob Freeman, Richard Hork, Marc Tannerhaus, Richard Scarborough, Richy Bowen, Wayne Hiltzman, John Lewallen, Bart Bell and David Tiers.

# Campus Calendar

TODAY

**DAWA CHINDI AMERICAN INDIAN CLUB** will hear Byron Harvey, a specialist on Hopi culture, speak on Indian education and the dying Indian culture. The meeting will be at 7:30 p.m. in MU 7.

**GEOLOGY COLLOQUIUM** will present Keil Klans of the Ames Research Center in Moffit Field, Calif., in Ag. 150 at 3:40 p.m. speaking on "A microprobe study of some minerals from meteorites."

**"CACTI AND CHROMOSOMES"** and "The complexity of anti-body structure and specificity" will be discussed by Sharon Clark and Don Reese at

4:30 p.m. in LSC 257.

**GRADUATE LECTURE RECITAL** will present Thomas Barker at 4:30 p.m. in Gammage Auditorium.

**FACULTY CHAMBER MUSIC SOCIETY** will present a concert in the MU Ballroom at 8:30 p.m.

THURSDAY

**PI SIGMA EPSILON**, professional marketing fraternity, will hold a mandatory meeting at 7 p.m. in MU 210.

## Here's Who's Whose

PINNED

Judy Porter, Kappa Kappa Gamma, to John Wallace, Phi Gamma Delta.

Carol Wilcox, Kappa Kappa Gamma, to Lt. Dale Elliot, U.S.A.F.

Janie LaBenz, Delta Gamma, UofA, to Tom I'Anson, Alpha Tau Omega

Chris Taris, Pi Beta Phi, to Dennis Dorney, Alpha Delta Gamma, Univ. of San Diego

Terry Kaesler, Kappa Kappa Gamma, to Kent Kluver, Kappa Sigma

Cathy Wilson, Kappa Kappa Gamma, to Paul Wallace, Pi Kappa Alpha

Laney Brown, Kappa Kappa Gamma, to Snuffy Smith, Phi Sigma Kappa

MARRIED

Barbara Haslip, Kappa Kappa Gamma, to Dick George

ENGAGED

Anita Strickler, Chi Omega, to Arnold Goodwin

Barb Penn to Phil Overeynder

Sandy Keith, Mary Washington College, Fredericksburg, Va. to John Meierdierck, Silver Wing.

Sue Cornwell, Kappa Kappa Gamma, to Chuck Ryan

Judy Walter to Tom Alston, UofA.

Marilyn Noonan, Oak Park, Ill., to Tim Ames, Alpha Tau Omega

Gayle Sykes to Lee Nelli, Theta Delta Chi

Jean Milton to Jim Pierce

Robyn Houston, Pi Beta Phi, to Gay Cox

Joan Winter, Pi Beta Phi, to Ken Beinar

Becky Johnson, Pi Beta Phi, to Douglas Jackson, Univ. of Colorado

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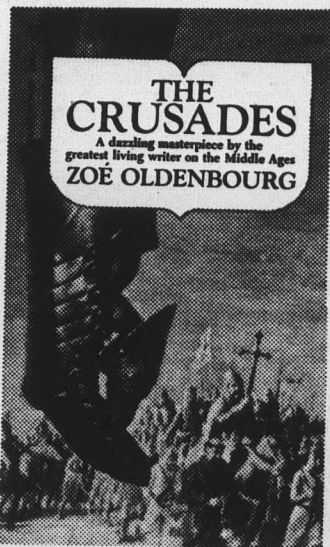
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# Sheepskin Renewals?

Unlike auto licenses, college degrees do not have to be renewed.

But a U.S. Commerce Department official predicted recently that just this may come to pass by 1975 in some fields.

ASSISTANT secretary for science and technology John F. Kincaid told a university-sponsored conference of engineers and scientists that by that year:

\*The Ph. D. in sciences will have to re-earn his degree every seven years.

\*Engineers will have to spend the equivalent of one day a week in formal study

\*A manager's formal education will literally never end.

The reason: A tremendous velocity of technological change spurred by science and harnessed to human needs by engineering.

Kincaid addressed 350 students, educators and others at the 33rd annual conference of the Pacific - Southwest section of the American Society for Engineering Sciences, hosted by the College of Engineering Sciences.

He emphasized that government and education have long been partners in developing the capabilities of our manpower, "but tomorrow we must see that this partnership is stronger than ever."

KINCAID illustrated the rapid increase of technical workers by comparing the 7,800 scientists and engineers in the United States before the 20th Century to the present total of 1.4 million people now involved in research and development alone.

KINCAID predicted that within a decade, the level of excellence demanded of key men in the engineering field will require that they spend eight years in formal study before they assume their professional responsibilities.

"The combination of the short-course, the seminar program, and the self-study program holds great promise as the nation concentrates on the first phase of its effort to combat manpower obsolescence. No institution can afford to shirk its share of the responsibility to find and implement practical solutions to the challenges of modern technology," said Kincaid.

## MORE ABOUT —

# Scholarships

(Continued from page 1)

made on the basis of scholastic ability and financial need, without restriction as to race, religion or sex.

Completed applications should be submitted to Vice President W. J. Burke, Chairman of the University Grants Committee, Admin 204, not later than March 1.

Each application must be accompanied by three letters of reference, one of which is to be written by the applicant's undergraduate adviser.

All awards will be made by President Durham on the recommendation of the University Grants Committee before April 1.

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# Classified

For classified advertising submit ad in person to the State Press, MU 3, two days in advance of publication, from 12:40-3:30 p.m., call 961-3657. Rate: 5c per word, 75c minimum.

## FOR SALE

6'9" ALPINE Combi laminated skis. Excellent condition. \$55. 967-3840.

CANNON Flex Rm 1.8 camera with acc. \$175. Excellent cond. Phone 966-8138.

ELITE Royal Portable typewriter with case. New. \$40.00. 966-8138.

Sewing machine for sale. Good condition. New Case. Has Guarantee. \$37. Call 966-8293 or 966-7030.

## BOBBI'S SAMPLES

New Wardrobe Time! All occasion clothing. All sized. Junior, Misses, Petite Half-sizes. Sportswear, formals, lingerie, jewelry, hose. Many at wholesale prices. Open 9:30-9:00 Mon thru Sat. Layaway and VNB. Two stores to serve you. Mesa: 1456 E. Main, 962-0941. Scottsdale: Frontier Shopping Center, Scottsdale and Thomas Rd., 945-9272.

JENNIES SAMPLE DRESS FASHIONS LADIES READY-to-wear nationally advertised brands at whole-sale prices. Open evenings. Lay aways. VNB credit cards accepted. Tempe: 1016 McClintock Drive (Hayden Rd.) North of Apache Blvd. 966-7871.

CLASSICAL guitars. A super buy \$39.88. Fairway Loan and Music Company. 21 and 45 South First Ave.

## HELP WANTED

BABY sitter needed in my home 8 to 5 five days a week. Call 967-5431 after 5:30 or contact Peggy White, Administration 107.

DESIRE marketing major interested in selling national brands on commission basis to drug stores, men's stores and jewelry outlets. Part time ok. State qualifications and phone. Address P.O. Box 792, Scottsdale.

SINGLE men earn \$125/wk. talking to single girls. Car necessary. 942-0240 942-1190 from 10:00 a.m. to 2 p.m.

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EARN \$61.00 per week. Work evenings and Saturdays. Car necessary. Call Jerry 1 to 5 p.m. 966 0104.

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TYPING — Accurate — Experienced — Reasonable. Northeast. 945-9680.

EXPERIENCE, electric IBM term papers and so forth. 40c double, 50c single. Mrs. Daniels. 969-0973.

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TERM papers and theses. For an experienced typist, call Winifred Guidi, 1342 E. Culver, Phoenix, 253-6452. Original and one carbon, 40c per page; 50c with footnotes.

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WANTED: 1963 or later Volkswagen bus in perfect mechanical condition. Clean. At a reasonable price. Will pay cash. Call 961-5506 for Sandy after 9 p.m.

DRIVE MY CAR TO NEW YORK. I will pay you \$50 to drive my Rambler station wagon to New York. After Jan. 25. Gretchen Haynes, 959-6635.

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HEAR this all you budget-minded teachers and students. HIS & HERS alterations. Six hems \$5, coats \$2.50, pants cuffed \$1.00. Restyling and remodeling. All work guaranteed. One day service. 946-0581.

OUR store is now open. Auto-home stereo units and accessories. Tapes still only \$3.00. Boundless sounds. 1024-A McClintock (between Apache and University). Phone 966-8213 or 966-8312. Open weekdays 1-8, Sat. 10-5.

HOCKEY Ticket Agents — Sell to friends, fraternities, dorms. Commission. Call Chuck after 5 p.m. 967-1824.

MRS. Day. Palm reader and advisor. Love, marriage and business. \$1.00 reading. 964-9987.

## PHYSICAL FITNESS

BEST equipped gyms in the West. Lowest membership rates. Golden's Health Club, 107 S. McDonald St., Mesa, 964-2351.

## AUTOMOBILES

'66 PORSCHE engine, Empl Exhaust, perfect for VW installation, dune buggy, \$275 or trade. Call Dan, 967-3195.

1965 OLDS 442. 4 speed, refrigeration. 959-1431.

MUST sell 1962 bright red Fiat Roadster. Very good condition. Call days 955-3141, evenings 955-7486.

1956 Ford convertible. Automatic, power steering, power windows, radio. \$195. Call 275-8014.

58 VW convertible. Perfect condition. \$475. Also 63 VW bus. Perfect condition. \$625. Call 967-5033 evenings.

PICK-UP 63 Chev. V-8, 4 speed, mirrors, fleetside \$950.00 946-3725 after 6:00 p.m. (Terry)

1965 SS IMPALA convertible. Power steering, power brakes, power windows, factory air. Tinted glass. 945-3644.

## INSTRUCTION

TUTORING: Biology, chemistry for university and secondary students. 277-6303.

INDIVIDUAL tutoring in math, physics, chemistry, and biological sciences. Phone 967-7924.

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HARLEY Chopper, extended, lowered, rebuilt, lots of chrome. 966-8466.

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NOW open Arizona Cycle Shop, 2404 N. Scottsdale Rd., Tempe. 1 m S of McDowell—Speed tuning—Repairing—Rebuilding. All work guaranteed on all makes—Benelli, Bridgestone, Ossa. Service and Sales. Open 9 to 9. 947-3481.

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'66 YAMAHA 305. Excellent condition. Bike cover included. \$450. 966-9980.

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## PERSONAL

BEST C is a nice place to shower, but we wouldn't want to live there. Irish Underground

**Cluff Collects Noises—**

**'Sound' Study Aids Future**

Dr. Gordon Cluff, director of the Speech and Hearing Clinic, is a collector of noises. He evaluates their effect on communications.

He has toted amplifiers, microphones, tape recorders and

other sophisticated gear to about 70 valley locations, capturing sounds native to electronic plants, press rooms, shopping centers, sawmills, skeet ranges and a host of others.

"AT EACH SITE, I taped a

one minute recording. However I am making no assumptions that the sound was representative of day-long pattern," he explained.

Dr. Cluff's study is financed by the U.S. Public Health Service, and is likely the first of its kind to attempt to identify frequency - energy distribution of environmental noises. He describes the project as a pilot program to be used as a basis for more extensive investigation.

The speech instructor is currently analyzing approximately 1100 tape loops, each of four seconds duration, which are the end products of his varied recording sessions.

"I AM interested primarily in trying to determine how noise affects communications which must be conducted in a noise field," he explained.

For example, if a person of normal hearing is distracted by environmental noises, his job efficiency may suffer, or if exposed for extended periods, his hearing impaired.

Cluff cites power tools as especially dangerous since the tool is normally used within two feet of the ear. The sound of the tool is loud and its energy concentrated in high pitches known to be more injurious to hearing.

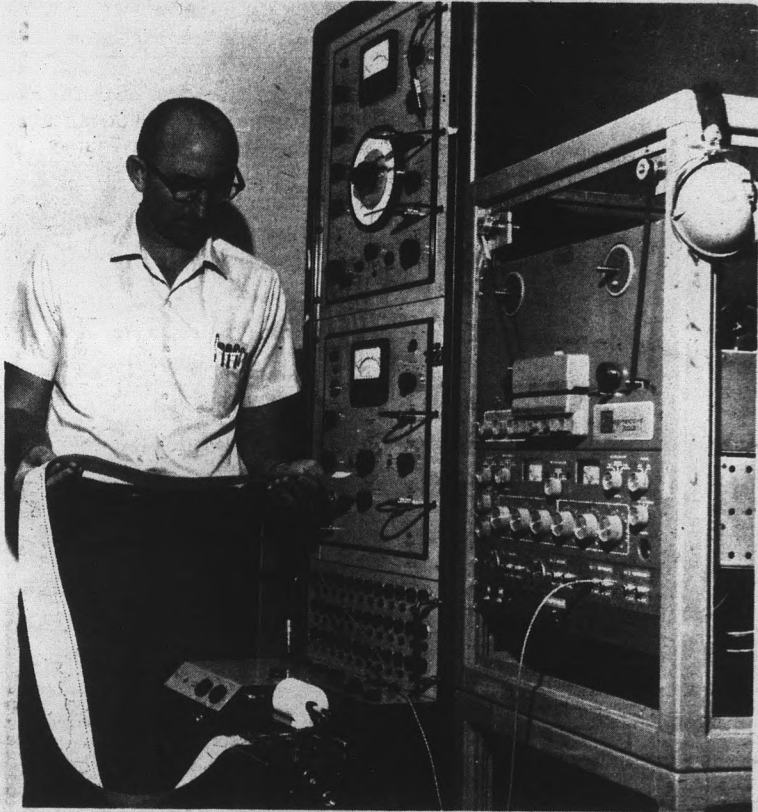


Photo by Tom Wheeler  
Dr. Gordon Cluff, director of the Speech and Hearing Clinic, is reading a chart of noise level recordings made in industrial areas of Arizona.

**Overseas Dairy Plaque Adventure Honors Herd For \$770**

Travel to Rome, Florence, Lausanne, Paris and London for \$770?

It's for real. And the price includes six weeks of travel, meals and accommodations plus three to six hours of lower division college credit if desired.

A summer study-tour group being formed on campus is sponsored by the American International Academy, a non-profit school system specializing in accredited courses of study abroad.

Planned excursions and lectures in galleries, museums, cathedrals, on university campuses, and out and around the historically significant sites in the cities are supplemented by free time for individual explorations.

Courses offered are Art 207: Study Abroad in Art Seminar-3 credit hours; FH 203-204: Study Abroad in the Humanities - 3 or 6 credit hours; and HS 109; A survey of Western Civilization and Cultures-3 to 4 credit hours.

Further information and applications are available from the group organizer at 961-4538.

The University will receive a bronze plaque Jan. 12 from a national breeding group for the quality of its herd of dairy cattle.

Grant Moody, professor of animal science, said the award for excellence in cattle breeding and management will be presented at the annual state meeting of the National Holstein - Friesian Association.

**Pot Legalization To Be Debated**

Should marijuana be legalized? This will be the topic of discussion by the Faculty Student Relations Board this afternoon at 3:30 in the upper arts lounge in the MU.

Dr. Hans Sebald, sociology; Dr. William Canby, law; and John Duffy, Director of Campus Security will be on the panel.

**Action Tutoring Now Organizing**

Action Tutoring Program will hold a reorganization meeting tonight at 7 at the Baker Center, on the corner of University and Forest. The program sponsors the tutoring of underprivileged children, grades 1 through 6, in South Phoenix one night a week.

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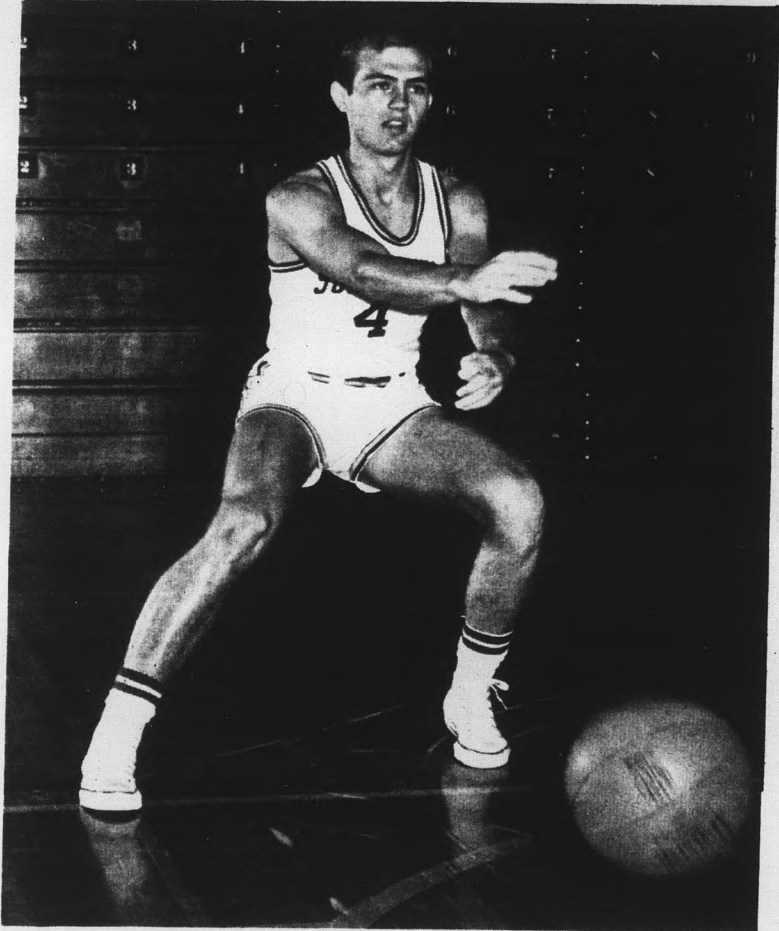


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'Big Little Guy'

Wulk's Arnote Proves Self

Punter's Injuries Improve



Jay Arnote

Basketball Coach Ned Wulk has had his share of pygmies in the past, and things haven't changed this year. In the role of "big little guy" is Jay Arnote, a six-foot sophomore from Phoenix Central High School.

He follows a long line of shorties: Paul Howard of the 1958-60 Sun Devil squads, Larry Armstrong of 1959-62 and Freddie Lewis of the 1964-66 squad.

ARNOTE SAW little action earlier this season because of his opponents' height factor, but finally made his cage debut in the Las Vegas Holiday Classic against Loyola of Los Angeles.

Though overall team effort was poor, Wulk praised Arnote's production. "We felt Jay had earned a starting slot and we thought he played pretty well in that game," he said.

Arnote's outside sharp-shooting has made people notice him. He sunk 18 of 34 field goal attempts for 53 per cent accuracy, best for a Sun Devil guard so far this season. He also has a knack for finding a man in the open and is a tricky, accurate passer.

AS A SOPHOMORE, Arnote is not the least bit jittery about touring the WAC route, one of the nation's toughest. "It should be a great title race here and I think we can play a big part,"

he said. "I'm looking forward to it."

Arnote further commented that he enjoys playing on the road. "A big crowd rooting against you fires you up and makes it that much more of a challenge," he said.

Arnote will travel north with the Devils Friday and Saturday to meet Utah and Brigham Young.

2 Devil Teemen Win Tournament

Two Sun Devil golfers took a Phoenix title last weekend by a four-stroke margin over second place players.

Mike Morley and Paul Purzner combined for a six-under-par 66 at Papago Golf Course to win the Phoenix City Best-Ball Championship. Their 133 total for the 36-hole event was 11 under par.

Morley got off to a bad start with a poor drive on the first hole and bogeyed the final hole, but seven birdies in between made his victory certain.

Kenny Hornbeck, a junior punt specialist for the Devils' up-start football team, is recuperating in Good Samaritan Hospital after surgery on torn knee cartilage.

Hornbeck, from Rockford, Ill., was injured during last summer's pre-season workouts at Camp Tontozona near Payson, after completing the 1966 season at a Devil punter.

He missed the entire '67 season with the knee injury, and has two more years of eligibility remaining.

"I think I'll be able to participate in spring drills," Hornbeck told The Arizona Republic. "I imagine contact drills will be out until Tontozona, but I'm hopeful that I can get in some running and kicking this spring."

Hornbeck, also plays defensive halfback and is a leading contender for place-kicking duties.

Combo Offers Swim Team Profits From Free Concert

By EDYTHE EDGAR Assistant Sports Editor

Top record-selling combo Jay and Techniques will present a concert for the Sun Devil women's swim team. The team will receive the proceeds from the concert and may appear on the cover of the combo's next album.

Famous for their hits, "Apple, Peaches, Punkin Pie," "Keep The Ball Rolling" and newly released "Strawberry Shortcake," the seven-man instrumental and vocal group will present the concert Jan. 17 in the gym. Admission charge will be \$1.25.

THE SWIM TEAM IS presently working to raise traveling expenses to a March meet in Colorado. "We're \$200 short for the trip," said Mrs. Ramona Plummer, team coach.

The team is also trying to procure a local group to perform with the Techniques, hopefully in the presence of a Mercury Records, Inc., agent.

The singing group came in contact with the national champion swimmers through a local radio station that explained the girls' plight.

THE PERFORMERS offered their normally \$2,500 concert to the swimmers free of charge.

"The only costs we'll have are staging, rental and lighting costs which will run about \$200," said Mrs. Plummer.

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