

wednesday

Arizona State University

Vol. 56, No. 67 February 6, 1974

state  
press

Tempe, Arizona

# Cutbacks save energy, money

Cutbacks on gas and electricity in November and December 1973 saved ASU not only gas and electricity but about \$13,000 as well, said George Zelenski, associate director of the ASU physical plant.

Natural gas purchases were \$10,000 less and electricity purchases were \$2,700 less for November and December 1973 than for the same months in 1972, Zelenski told the ASU Energy Conservation Committee.

ASU used 39.4 per cent less natural gas and 10.9 per cent less electricity in November 1973 than in November 1972. In December 1973, consumption was down 30.2 per cent in natural gas and down 27.6 per cent in electricity as compared to December 1972, Zelenski said.

Zelenski attributed the drop in natural gas and electricity consumption to the three week Christmas break, the mild winter climate and the additional effort to conserve gas and electricity because of the energy crunch.

ASU turned off refrigeration units entirely and limited use of heating apparatus a maximum of six hours daily beginning Nov. 1, he said.

ASU offices, classrooms and other buildings (with the exception of the Life Sciences Center and dormitories) are heated between 5 and 10:30 a.m. only, Zelenski said.

Buildings designed for 75 degrees may be as cool as 68 or as warm as 82 degrees, he said.

In addition to the heating cutback, 460 decorative lights with a total wattage of 73,750 have been turned off on campus.

Zelenski predicted figures will show ASU used 40.7 per cent less natural gas and 27.6 per cent less electricity in January 1974 than it did a year ago.

Actual figures for January gas and electricity savings will not be available until Mar 1, Zelenski said.

The decrease forecast by Zelenski will be partially offset by a 15 per cent increase in gas and electricity rates. Zelenski was notified of the rate increase, which will be retroactive to Jan. 1, on Jan. 31.



## Your move

Robert Rowley, current state chess champion, and Arizona's only national master, played Arthur Dake, an international chess master from Oregon, Tuesday in the MU Cochise room. Rowley

was winning the match two games to Dake's one at the time of the photo. This was Rowley's first experience playing Dake.

Photo by Craig Coulombe

## Inside:

**Jobs in Alaska are not as plentiful as many advertise. page 3.**

**ASU highjumper Paul Underwood talks about the ups and downs of his career. page 7.**



# World View

## Truckers' strike worsens

The independent trucker's shutdown spread over more than three-fourths of the nation today, prompting more layoffs and bringing new reports of violence.

Federal and state officials and truckers' representatives tried without success to reach a compromise on the shutdown.

Nearly all the nation's meatpacking and processing plants could be shut down by the weekend if the strike continues, said American Meat Institute President Richard Lyng.

## Kissinger to visit Moscow

Secretary of State Henry Kissinger will visit Moscow next month to prepare for a trip by President Nixon to the Soviet Union, the White House said in a communique Tuesday.

## Oil companies cut credit

Oil companies are cutting back on credit extended to motorists because the companies don't need the business anymore. High profits and assured sales of all the gasoline they can produce have prompted some companies to stop promoting their own credit cards or tighten up on credit requirements.

## AT&T shows record profit

The American Telephone & Telegraph Co. said its profits in 1973 reached a record \$2.95 billion, an increase of 16.6 per cent over 1972 earnings of 2.53 billion.

## Hearst heiress kidnapped

Firing at witnesses as they went, kidnapers dragged newspaper heiress Patricia Campbell Hearst, 19, screaming from her apartment Monday night.

Miss Hearst is the granddaughter of late publisher William Randolph Hearst and daughter of Randolph Hearst, president and editor of the San Francisco Examiner.

# Seminar has photo pros

By Dennis Russell

Six highly trained U.S. photographers, whose assignments have taken them into Communist countries and war-torn nations throughout the world, will share their experiences at ASU Feb. 16 at Communicating '74, a photojournalism seminar, said Con Keyes, assistant professor of mass communications.

Keyes said he has worked with most of the six professional photographers during his career as a photojournalist, and considers them to be among the top newspaper and TV cameramen working today. He said the photographers have been selected to be guest speakers at the photo seminar in Murdock Hall.

"These top-notch photographers coming to the seminar are men that I've long admired because I admire anyone who does his work well," Keyes said.

One of the photographers attending the seminar is Harry Redl, a famous Time-Newsweek photographer, who has been smuggled from one Communist country to another

in an effort to bring back pictures of events from behind the Iron Curtain.

Keyes said he is a personal friend of Greg Cooke, a CBS documentary news photographer who will discuss his recent assignment of filming life inside Red China. Keyes said Cooke began his career in TV news 10 years ago in the Phoenix market and began work for CBS in 1970 covering the war in Vietnam and Cambodia.

"It's impossible for the photographers to tell everything that's happened in their careers, but those hearing them will be able to use some of the experiences to help their own photography careers," he said.

Keyes said two Pulitzer Prize winners in photography will be featured at the seminar. They are William Strode, vice president of the National Press Photographers Association, and Brian Lanker. Lanker will pay special tribute to the late E.D. Newcomer, a photographer of Arizona history who provided guidance to Lanker when he worked for the Phoenix Gazette.

Also coming to the photojournalist seminar, Keyes said, will be Robert Eaton, executive producer of the NBC Nightly News with John Chancellor, and Jerry Wolf, executive producer of CBS News who has won five Emmy awards.

"The seminar is open to both professional photographers and students," Keyes said. "The idea is that no matter how much you know, everybody can learn something new in their profession. Like a new camera angle or way of handling equipment."

This is the second photojournalism seminar to be held at ASU. Keyes said the first seminar was held in 1972 and brought together 488 people from seven states. This month's seminar is sponsored by the Copperstate News Photographers Association and the ASU mass communications department.

The seminar will be 8:30 a.m. to 5:30 p.m. Feb. 16, in Murdock Hall. The program costs \$10 for professional registration and \$5 for student registration.

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# Alaska job boom dissolves

By Ellen Vlahovich

In spite of advertisements selling Alaska as a booming frontier for jobs, Alaskan Lt. Gov. H.A. Boucher urges job hunters to stay home because is suffering serious housing and unemployment problems.

Across the United States, newspapers and magazines have been advertising jobs for all occupations, including job availabilities on the Alaskan pipeline.

One ad which the State Press ran offered a handbook, JOBS IN ALASKA, for \$3.00 to anyone interested in job opportunities.

In his bulletin to the media, Boucher said that pipeline construction won't start for some time yet. No non-union jobs will be offered during the construction phase of the pipeline, and Alaska residents will be given

preference when the hiring begins, Boucher said.

Lowell Parker, editorialist for the Arizona

Republic said Boucher urged people to double check these job offers and have something in writing

before they leave.

Parker said people who are seeking employment in Alaska should contact the

Better Business Bureau first. "From what I gather, there just aren't any jobs of any kind," Parker said.

The people given priority for job positions will be those connected with international construction agencies or those affiliated with agencies who have sub-contracts with the pipeline system, Parker said.

The majority of people migrating to Alaska are unskilled, unemployed people from the United States, Parker said.

With the employment rate averaging 10.5 per cent in Alaska, these people are creating problems for the state Boucher said.



## Campus group and IRS offer income tax aid

The ASU Accounting Association, Beta Alpha Psi, and the Internal Revenue Service (IRS), are co-sponsoring a program to assist South Phoenix residents in filing their income tax returns, said Joseph Chan, association president.

The association will train student volunteers to staff the Voluntary Income Tax Assistance program (VITA) for a six-week period from Mar. to Apr. 15.

Participating students are required to attend two training sessions. The first is scheduled for Feb. 7 and 9 in MU 217 and the second is scheduled for Feb. 14 and 16 in BA 409.

Students don't have to be business or accounting majors to volunteer because they will be working with others who have a knowledge of IRS procedures, Chan said.

All volunteers can expect to work Wednesday nights and Saturday mornings, he said.

Students will be reimbursed for gas expense by the Business Administration Council, said Steve Yarbrough, Associated Students executive manager.

Interested students may sign up at the accounting department office in the College of Business.

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Offer Extended to Feb. 15, 1974— Subject to increase in retail prices

STATE PRESS is published by Arizona State University Tuesday through Friday during the academic year, except holidays and examination periods. Entered as second class matter at Tempe, AZ, 85281.

# Legalized Flowers

Timothy Barrow has wavy short hair and a slight paunch that testifies to the good life of a hard-working, prosperous executive.

He does not look like a flower child, nor does he act like one. Instead, he looks and acts like the leader of a city council — which is quite appropriate since last year he was elected mayor of Phoenix.

Despite his carefully groomed appearance, his political enemies might soon refer to him as "that hippie mayor who leads the flower-loving council."

Historically, the Phoenix City Council has not been extremely active. The council's long suit has generally been rhetoric and the current council has been no exception.

Monday, however, they acted.

The council decided to change a zoning ordinance and permit the sale of fresh cut flowers at specific commercial locations in Phoenix.

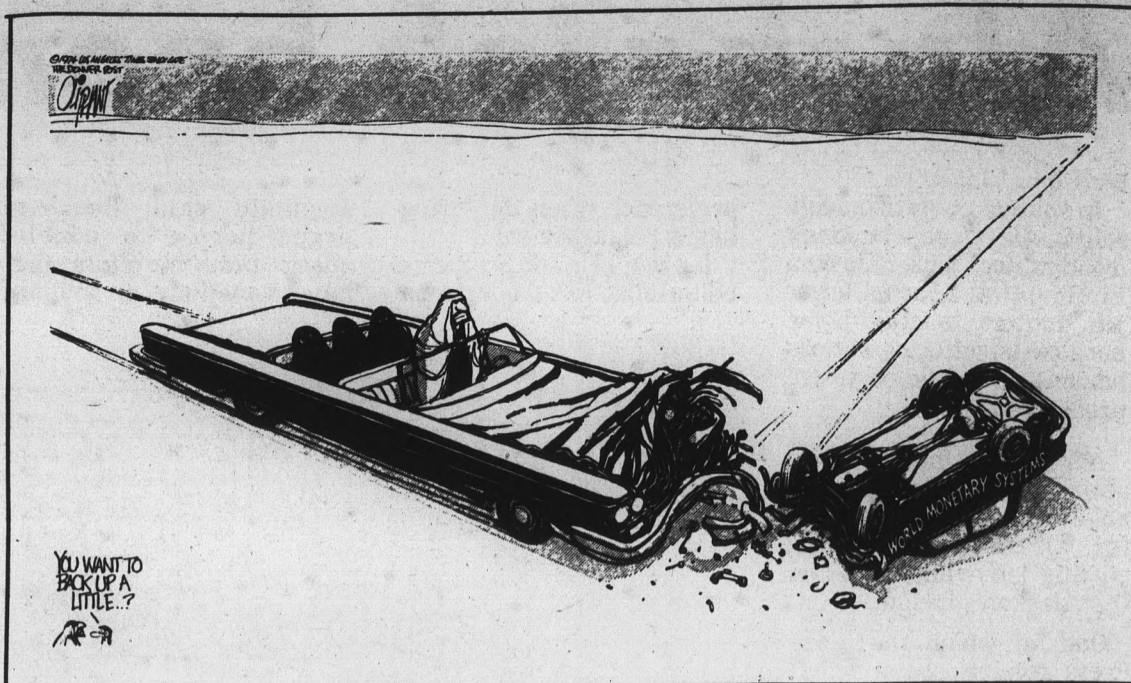
It is a decision that will be welcomed in many quarters. Husbands who almost forgot their anniversary and don't want to spend a lonely night on the couch can buy flowers on their way home. Other folks who need no special occasion and simply want to smell something besides carbon monoxide can buy a flower to sniff. And, of course, all us poor students who need some change can zip down to the flower shop on Sixth Street, pick up a batch of posies and wait for an assignment to a designated corner.

The Arizona Florist Association protested the ruling. But the street sellers shouldn't really cut into their business, at least not drastically. After all, the flower pushers can't really compete with their more sophisticated cousins. They don't sell bouquets. They can't wire an order across the country. They can't make the fancy floral arrangements florists construct so well. They handle only the spur of the moment trade. Florists will not become an endangered species.

So nobody loses. The city council has confounded its critics with this reasonable action.

And if you happen to see Tim Barrow, give him a flower. We think he deserves it.

—Bill McClellan



## Opinion | state press

### Letters to the Editor

#### No cosmetic approach

EDITOR:

I have given considerable thought to the various suggested parking proposals. Many of those offered possess considerable merit; however, I fail to discern a common philosophy towards realizing a feasible solution.

My concern is that we are losing sight of the long term effects of short term solutions. We MUST take caution so as not to develop a "cosmetic" approach to the particular problem at hand. Recent "cosmetic" approach proposals include: additional parking lots, reduced parking space size, and building high-rise parking structures.

This recent solution contender, high-rise parking, will alleviate the immediate problem, but only at the expense of a long term solution. One CANNOT solve the parking problem by creating appealing, convenient parking facilities. In effect, the high-rise approach will additionally appeal to persons currently utilizing other modes of

commutation and allow them to drive to campus, thus increasing the current parking burden.

The most effective solution lies in mass transportation. For the present, adequate, convenient bus transportation; while long term "area" mass transit planning will yield a final solution.

In summary, we must not allow ourselves to be trapped into the "cosmetic" approach fallacy. The need for continuous parking will always exist; however, let us not create an unnecessary demand by developing more appealing, convenient parking facilities. To paraphrase Edmund Burke, "We must serve the university's commutation interests, NOT its desires."

Very truly yours,  
Israel M. Knobel  
Graduate Student  
Business Administration

#### Anti-abortion paradox

EDITOR:

I have recently noticed that the topic of abortion has again stimulated a vast amount of controversy; automobile bumpers have been plastered with ethical slogans, religious denominations have sermonized about blasphemous behavior, humanitarians have shown concern for the psychological well being of the unwanted embryo, and ecologists and demographers have worried about the possible inimical

consequences of over population.

I can't help to notice a paradox in the action of many of these sub-cults, and the lack of group initiative in supporting policy congruent to their various attitudes. I am referring to the ultimate solution to the basic dilemma; i.e.

(preventive conception). I heard little verbal support from the anti-abortionists and religious sects when

students of ASU wanted a birth control clinic operative on campus.

It appears to me that those who object to abortion are more concerned with the message on the rear end of their automobile instead of the implementation of practical solutions which would avoid the dilemma altogether.

Sincerely,  
Robert Housner, Jr.  
Political Science

## state press

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## Conservationist narrates canyon exploration film

Conservationist Martin Litton will narrate the film "Grand Canyon by Dory" tonight at 8 p.m. in Grady Gammage Auditorium.

Sponsored by the Documentary Film Series, the film covers the history of the Colorado Plateau and the formation of the Grand Canyon.

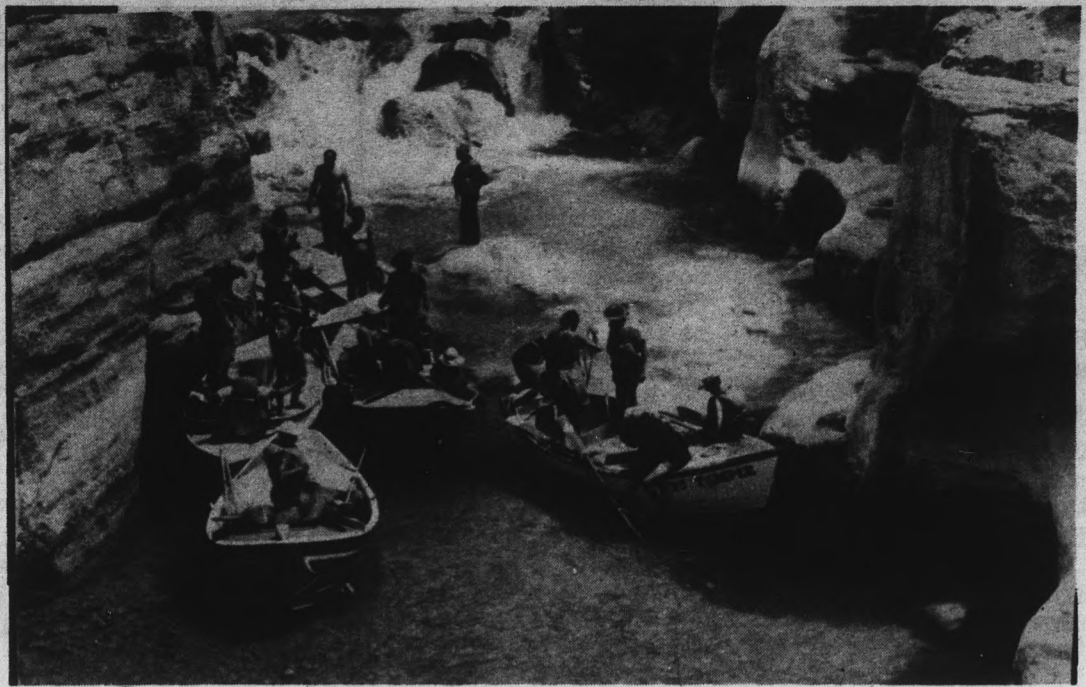
Litton, an adventurer and explorer, recounts the first American exploration of the river in 1869 by Maj. John Wesley Powell.

Exploitation of the region as well as its geology, climate, plant and animal life will also be discussed.

Tickets are on sale for \$2.50 at the Gammage box office, 965-3434.

Wooden dories were used in the film to travel down the Colorado river rapids.

Litton has completed nearly 30 trips by dory through the Grand Canyon since 1955.



**Roughing it by dory**

Explorers running the rapids of Havasu Canyon leave their flat-bottomed boats for a short swim in the secluded, and more calm, pools of the canyon.

## Outing Club members hike, sail and camp

The ASU Outing Club is one of the best deals offered to students interested in extra-curricular activities, said Ray Story, president of the club.

"We go everywhere," Story said. He said some of the previous trips include sailing on Sahuaro Lake, climbing Mt. Humphreys, the tallest mountain in Arizona, and hiking into the Havasupi Indian Reservation at the bottom of the Grand Canyon.

The Outing Club is sponsored by the University and the recreation department, which supply some of the equipment needed for trips, Story said. Additional equipment is obtained rent-free from local stores, he said.

This weekend the club plans to go cross-country skiing near Payson, cave exploring near Tucson and hiking in the Superstition Mountains.

Future trips for this semester include touring Disneyland, San Diego and Tijuana, hiking up Four Peaks and the San Francisco Mountains, visiting

the Grand Canyon, going down to Rocky Point, Mexico, and innertubing on the local rivers, he said.

Story said he foresees no trouble for the Outing Club because of the recent gasoline shortage because one member's father is a gas distributor in north Phoenix.

Friday the Outing Club is holding an outdoor recreation show in the Pinal Room at the MU from 10 a.m. to 5 p.m. Members of the Outing Club and authorities on the various equipment, will be there to answer any questions pertaining to the club and trips. The show is free.

Story said the cost of joining the Outing Club is \$4 a semester and \$7 a year. He said the costs include field insurance for the trips.

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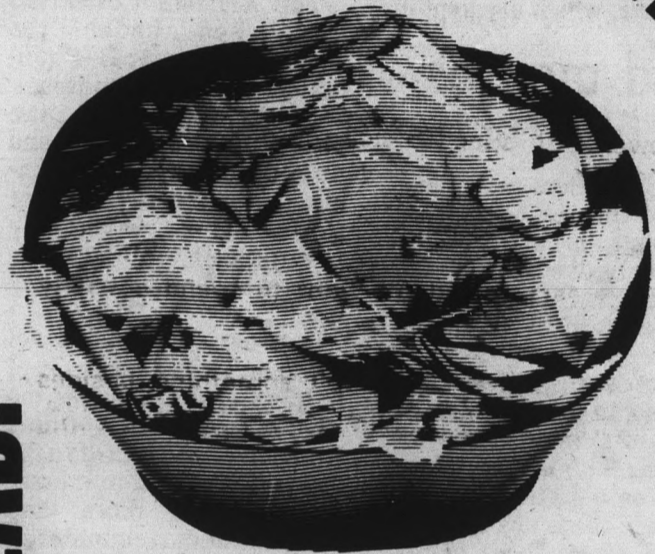
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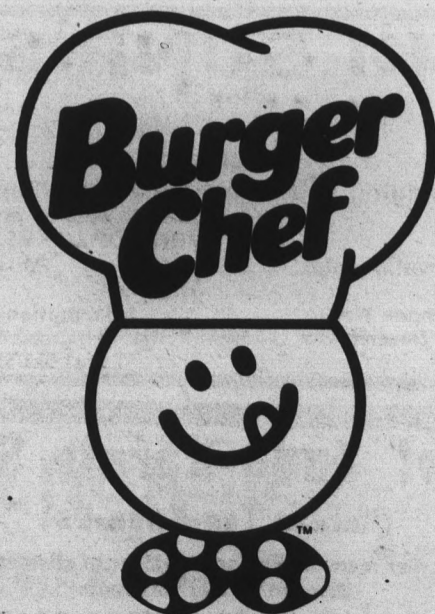


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## Carl Hayden collection soon available for use

The collection of papers from the late Sen. Carl Hayden will be available soon for student use, said Edward Danaher, assistant university librarian.

The collection, now being stored at the Matthews Center in 750 boxes, will be placed on the empty shelves located on the fifth level of Hayden Library, he said.

Danaher said the papers are irreplaceable and can be used on a controlled basis for research in the library but cannot be checked out. "As soon as the carpenters finish enclosing the area and the materials are processed, they will be available for use," he said.

He said, several collections stored in Hayden Library are available on a non-circulating basis. The art books, which are kept in

a locked room on level four of the Library, are costly books and are being protected from mutilation, he said.

The books are available for use in the library and any student who wants to use the books can do so by asking for the books and reading them in the library, Danaher said.

Bert Fireman, curator of the Arizona Collection, said, the reason some books are kept in locked rooms or in special places in the library is to protect the rare materials from abuse. Books have been destroyed with the use of razor blades and knives, particularly art books, he said. "Some materials are not circulated because they are unique and rare," he said.

The Arizona Collection established under the Arizona Historical Foundation, in the Arizona Room, is intermixed with the University's materials and available on a non-circulating basis, Danaher said. "This makes the permanent collection always available for student use."

Danaher also pointed out the collection of books, kept in glass cases, includes the "Rubaiyat of Omar Khayyam" and is next to the Special Collection room. Books costing more than \$2,000 and considered irreplaceable are kept in the Special Collection room, he said. "These books can all be used in the library."

## Land masses are like turtles

The geological movement of land masses on several continents is one of the topics to be discussed by Dr. Michael Sheridan at 12:40 p.m. Feb. 6, in MU room 203-S.

Sheridan, associate professor of geology at ASU, makes the comparison of land masses to the plate design on a turtle's back.

He said there are spots in Iceland where these plates are pulling apart. In Japan, the plates are colliding with one another, he said.

These geological occurrences make the island nations prime targets for earthquakes and volcanic eruptions, he said.

The public is invited to attend this free lecture which will also feature a model of global dynamics.

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# Prof eludes watery grave

ASU Professor of electrical engineering Thomas DeMassa bet his children he could swim seven lengths of their 36-foot pool underwater... he lost the bet and almost lost his life.

"I remember starting to swim the first length but nothing else," he said. DeMassa said he believes many people who drown while swimming underwater are actually victims — as he almost was — of hyperventilation.

Before pushing off the side of the pool, DeMassa

hyperventilated (rapidly inhaled and exhaled) 10 times. He had almost completed the fifth lap when he suddenly stopped swimming. Karen, his 12-year-old daughter, realized something was wrong and alerted her mother, who dived in fully dressed and pulled him to the surface.

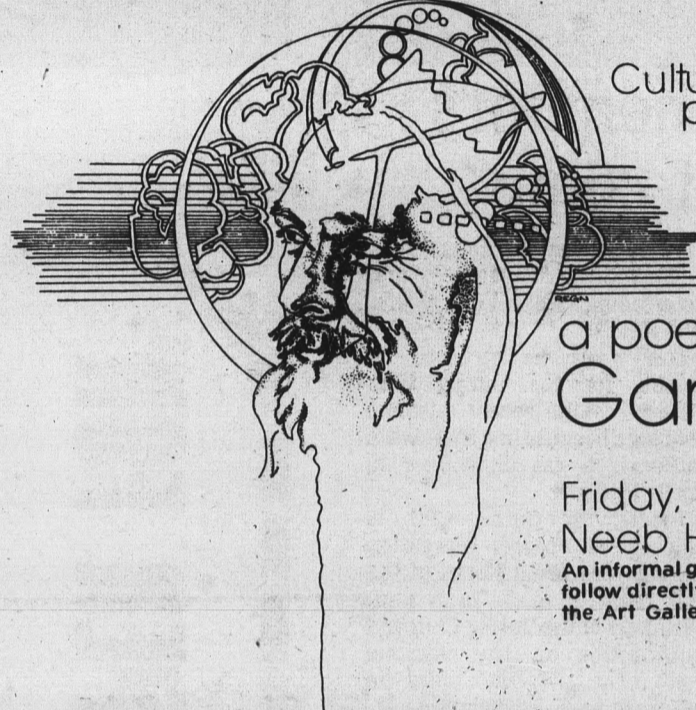
DeMassa said he found out later from a magazine article that hyperventilating lowers carbon dioxide levels in the blood. Normally, when a person holds his

breath, the carbon dioxide level increases until the body starts breathing again.

DeMassa said his body was tricked into believing it did not need oxygen because of the abnormally low level of carbon dioxide in his bloodstream due to hyperventilating. When his body used up all its stored oxygen he blacked out.

Since the near drowning DeMassa said he has not tried swimming more than two lengths underwater and has not hyperventilated beforehand.

Cultural Affairs Board presents



a poetry reading by  
**Gary Snyder**

Friday, Feb. 8 8:00 p.m.  
Neeb Hall - free

An informal get-together with the poet will follow directly after the poetry reading in the Art Gallery Matthews Center.

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73 Pinto Runabout. Factory air plus custom options. Must sell. Low mileage. \$2,850 or best offer. 966-9732. (2/8)

Banjo — excellent condition. Orlando 5 string. Call after 12. 833-2995. (2/6)

Must sell yellow Bianchi bicycle. 968-1756 after 5 p.m. (2/8)

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### LOST

"Nuto," full-grown cat. Black & white. Lost Sin-City area. 968-8004. (2/7)

Konica camera. Were you driving a red Jetstar auto the afternoon of Feb. 3? 3 girls were hitchhiking to Los Arcos Mall on corner of University/Scottsdale Rd. and left camera in car. Please contact Debby at 968-4041. REWARD. (2/8)

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### ANNOUNCEMENTS

Class notes are here!! At last you can be free of the tedious & inefficient task of "taking notes." Imagine, an entire semester's set of typed lecture notes, before the lectures begin. The following list of notes are now available at the ASU Bookstore and the Student Book Center on College Ave., BO-100 CH-101, 113, 115, 231 ES-102 EC-201 GL-100 GL 101 MA-120, 121 MI-201 MI-101 PX-100 RE-251 ZO-200, 201, 202, 270. (2/8)

EUROPE - ISRAEL - AFRICA. Student flights all year round. CONTACT: ISCA, 6035 University Ave., #11, San Diego, Calif. 92115. Tel: (714) 287-3010 or (213) 826-5669. (5/3)

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### SERVICES

Girls—shape up for summer. Lose wt., inches, or firm up. Special ASU rates. Call now - offer limited. Venus Health Club, 1870 E. Apache, 966-6389. (3/1)

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### HELP WANTED

Pierce National Life needs college representative to show Pierce College Plan on campus. Full time pay for part time work. Men and women leaders on campus. Call for appointment. Jane Hill 967-9479, 64 E. Broadway, Tempe, Az. 85282. (2/8)

Models and hostesses needed for conventions and special events. Pay \$5-\$25 hr. Interviews to be conducted at ASB room 102 Feb. 19th and 20th. 9-12, 1-5. Make appts. with student. Part time. (2/15)

General housecleaning two days a month. Call 838-6722 after 5 p.m. (2/7)

Male - female, all ages, all types now being interviewed for future motion pictures & T.V. commercials for extras bit parts. 265-4801. Phoenix International Productions, 4700 North Central, Suite #308. (2/12)

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# Jumper's life has ups and downs

By Barry Hochfelder

Paul Underwood doesn't like to talk about his last trip to New York. The ASU high jumper, who recently jumped 7-2¼, learned he was to compete in the Melrose Games at Madison Square Garden 40 minutes before the plane was to leave.

The trip cost \$400. Half was provided by the Phoenix Thunderbirds, but Underwood had to pay the rest.

"I borrowed and scrapped and was lucky to go," he said.

After arriving in New York, he had to find a place to stay. Underwood smiled as he recalled the trip.

"Maurice Peoples (ASU quarter-miler) and a high jumper from the UofA got a hotel room and I stayed with them. Peoples got one bed, the UofA high jumper got the mattress from the other bed and I got a box spring and pillows," Underwood said.

They split the hotel bill three ways and relied on McDonald's for food, he said.

After all that came the meet itself. Underwood was

among a number of athletes clearing 7- feet.

"But after I landed in the pit, got up and was walking away the bar fell and I got 6-10." He finished fifth.

The problem of insufficient funds is common among amateur athletes. Underwood attends school on a scholarship and receives \$115 monthly in accordance

with NCAA regulations.

He is allowed to earn an additional \$15 per month, if a job like that can be found.

The problem is further complicated for Underwood because he is married and his wife is expecting a child in July. Because of her pregnancy, she will soon leave her job in a local bank.

"Right now things are ok but they'll get pretty thin later," Underwood said.

The Glendale junior college transfer now works year-round at the sport he began in high school.

"My freshman year of high school I went out for track and broke my wrist on the third day. My sophomore year I became a pole vaulter. My junior year I tried high jumping and broke the school record on my first jump. The coach said, 'Well kid, it looks like you're a high jumper now.'"

Underwood finished third in the National Junior College Championships

during his first year at Glendale. The second year he won the title.

Friday night Underwood faces world record holder Dwight Stones in the Los Angeles Times Meet.

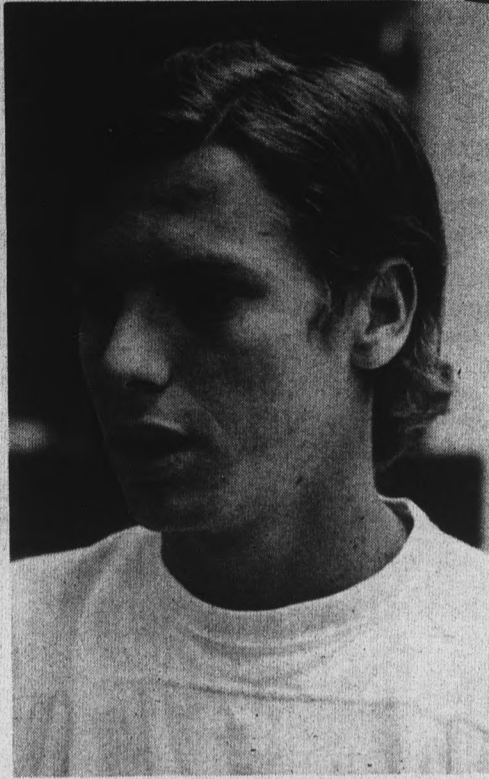
Stones is known as a cocky performer who likes to invent records he can hold. He claims to have the record for the highest jump using the stradle and the flop style, clearing 7-feet with both styles.

"He just enrolled at Glendale College in California so he can set the school record there," Underwood said.

He has no specific height goal in mind for Friday night but just wants to beat Stones and win the meet.

Underwood does have long-range goals in mind, however.

"I would like to go to the Olympics in 1976. As far as a specific height, I'd like to jump 7-4 indoors and 7-5 outdoors," he said.



Paul Underwood

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### Built by student

# Telescope sees, hears stars

By Debbe Nelson

A telescope that can see and hear the stars has been designed and built by ASU sophomore Robert Ridgeway.

The radio telescope will be able to observe the sun and record its noise amplitude, (amount of noise emitted by sun) within a few months, Ridgeway said.

"This is a first for ASU," he said. "All we've had before were telescopes that you could use every Thursday night to look at Manzanita."

The telescope, which will be mounted in the B-wing of the physics building, will have an antenna spreading 100 square feet, Ridgeway said. Four reflectors five feet in diameter will be attached to the antenna.

The antenna will be mounted to make it completely movable to any point in the sky.

He said the noise amplitude will be heard on a receiver he designed which is much like a 300 or 400 transistor radio.

"The good thing about this project is that it'll cost almost nothing," he said. "People donated some parts and other parts were just pieces sitting around the lab not being used."

Ridgeway said the first

experiment using the telescope will be to study the relation between sun flares, noise amplitude and particle count (the average number of cosmic rays that hit the earth).

If they are related (the noise and particle readings increase at the time of the flares), then they are emitted at the same time.

"My purpose is to have a better understanding of the relationship of various emissions from the sun," he said.

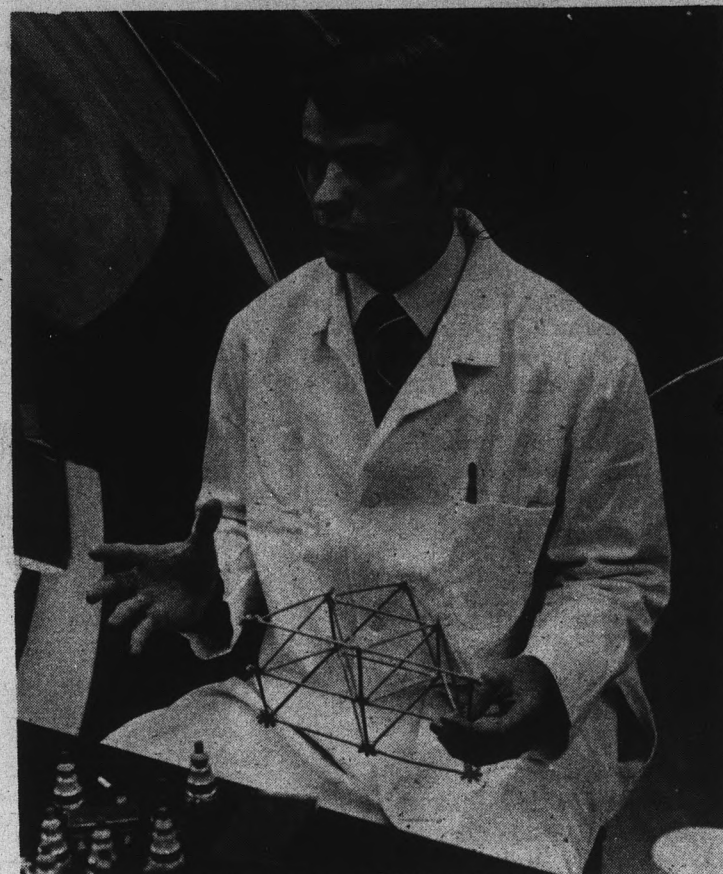
By next semester, Ridgeway hopes to be able to obtain readings from stars other than the sun. To make this possible, he will add super-conducting walls

dipped in liquid helium which will be connected to the antenna by wires.

"This will eliminate the static from the system so just the noise from the stars comes through on the receiver," he said.

Planets also will be observed, Ridgeway said. He is especially interested in Jupiter because of its "extremely large amounts of noise" which have not been explained.

"I've been working on this with the help of Dr. (Arnold) Meister (professor of physics) for eight months," Ridgeway said. "And we have a moderately good telescope for almost nothing."



Robert Ridgeway

### New reading requirements help students

The new reading course requirements for education majors will help improve the quality of new teachers in Arizona, predicted Dr. Nicholas Silvaroli, director of the ASU Reading Education Center.

The reading requirements, passed by the State Board of Education last November, will take effect Sept. 1, 1974.

"The new requirements won't affect present graduates until 1976, but undergraduates next September will be affected," he said.

The reading requirement, which includes two courses for elementary and two courses for secondary education majors, put emphasis on working with children under the supervision of ASU reading specialists, Silvaroli said.

He said state superintendants in Maricopa County have requested the College of Education to increase teaching requirements, but the new requirements had not been initiated because of lack of funds.

The faculty response to the new reading requirements has been positive, he said.



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