



**SOCIAL . . .** Free coffee and good company mark Wednesday mornings in the Faculty dining room. Students and faculty are welcome at the event held between 9 a.m. and 10:30 a.m. weekly.

## Education College Increases

Twelve faculty members have been added to the College of Education at Arizona State University for the 1959-60 academic year.

Dr. Guy D. McGrath, dean of the college, announced the appointments. He said eight of the 12 hold the doctorate degree and two more are completing work for their doctorates.

Dr. Roy P. Doyle, who for four years was principal of Madison No. 1 School in Phoenix,

has joined the faculty as associate professor of Education and principal of the ASU training school. Dr. Doyle, who earned his bachelor's degree at ASU and his master's and doctorate degrees at Columbia University, also was a teacher and supervisor in the Madison District.

New assistant professors of Education include Dr. Michael Belock, coming from the University of Southern California, where he earned his doctor of philosophy degree, and holder of a master's degree from ASU and a bachelor's degree from the University of Indiana; Dr. Harry Zeitlin, coming from an assistant professorship at the University of Massachusetts and holder of degrees from City College of New York, Columbia and, the doctor of philosophy degree, from Columbia.

Also Dr. Clyde Martin, as assistant professor at Long Beach State College, Calif., holder of a bachelor's degree from the University of Redlands and a doctor of philosophy degree from the University of Southern California; Dr. Fred Dowling, coming from Michigan State University and holder of a bachelor's degree from Wisconsin State College and a master's and doctor of philosophy degree from the University of Wisconsin;

Also Dr. R. Merwin Deever, for the past three years superintendent of schools at Woodward, Okla., holder of a bachelor's degree for Southwestern College in Kansas and master's and doctorate degrees from the University of Oklahoma; Dr. Bruce Meador, assistant county superintendent of schools, Hays County, Texas, holder of three degrees from the University of Texas;

Also Dr. Herman Yeager,

who has taught at Menlo-Atherton High School in Atherton, Calif., while earning his doctorate at Stanford University, from which he also holds a master's degree, following a bachelor's degree from San Jose State College; Mrs. Carmen O'Brien, until this June principal of Grand Avenue School in Phoenix and holder of bachelor's and master's degrees from ASU;

Also S. Edward Thompson, for 23 years principal of North High School in Des Moines, Iowa, and for the past few months retired at Scottsdale, holder of degrees from Tarkio College, Mo., and the University of California; and Howard C. Oswald, former California teacher and holder of bachelor's and master's degrees from the University of Idaho.

Instructor in Education will be Robert A. Roessel Jr., who has taught for the Bureau of Indian Affairs at Round Rock, Low Mountain and Tolani Lake, Ariz., and who holds bachelor's and master's degrees from Washington University, St. Louis, Mo.

## Bridges Memorial Fund Established By Friends

A Ronald Bridges Memorial Fund has been established at Arizona State University to provide a \$1,000 scholarship for an ASU student next fall.

The fund, begun by Arizona friends of Dr. Bridges, is being administered by the ASU Foundation. The student to earn the award will be chosen by the ASU scholarship committee.

Dr. Bridges, associate professor of English at ASU from 1942 to 1945, is presumed dead from an accident while fishing

## Film Topic Death Valley

One of America's strangest and most spectacular regions, Death Valley, will be shown in color films to be presented Tuesday, July 28, at 8 p.m. in the Memorial Union ballroom.

Most visitors see it only in the winter, but "Death Valley the Year Round," filmed by Mr. and Mrs. Ralph Welles, shows it in all seasons, including the summer, when the temperature may rise to 134 degrees in the shade.

As a ranger-naturalist with the National Park Service, Ralph Welles had the opportunity

to see many things in Death Valley which the average person misses. Using cameras with giant telephoto lenses, he and Mrs. Welles shot 30,000 feet of color film, from which the present movie was made.

The fantastic "castle" built by Death Valley Scotty, flamboyant desert character who made the place famous, will be shown, along with relics of the 20-mule-team days. Desert flowers, birds, and animals will be seen in their natural habitat, and a battle between the rare desert bighorn rams is one of the exciting spots.

In this scorching desert valley far below sea level may be found tracks of prehistoric animals, stone records of primitive man, and unique fish that somehow survive the extremes of temperature.

Over 250 kinds of birds are to be found in Death Valley, in a spot where as little as one-tenth of an inch of rain has fallen in one year. Some of the photographs of these and other creatures were made in spots which can only be reached on foot after an arduous trip.

Mr. and Mrs. Welles are both graduates of San Jose State College in California, and Mr. Welles had extensive experience in drama and the theatre before joining the Park Service. His work in this field was valuable to him in photographing and editing "Death Valley the Year Round."

## Book Review Next Wednesday

At a book review luncheon next Thursday, in MU 218, 12:30 to 2 p.m., Dr. William C. Childers, assistant professor of English, will discuss the controversial novel, Lolita.

Dr. Childers will attempt to show whether the Valdimir Nabakov novel is merely sensationalism or true literature.

Tickets for the luncheon must be purchased by noon Wednesday at the MU information desk.

## State Press Sets Up Display In MU Case

Mexico, ancient and modern, is the subject of an exhibit sponsored by the State Press in the Memorial Union trophy case during the next two weeks.

Featured will be a number of oil paintings and sketches by the prominent Valley artists, Poko Petek, and the people and scenes of Mexico.

Antique items in the display will include a collection of small statuettes and other pre-Columbian sculpture, and a facsimile of an Aztec codex or picture-book 36 feet long.

## Ninety-Eight Awards Given

Ninety-eight academic scholarships and six Science Fair scholarships have been awarded freshmen entering Arizona State University in the fall.

Dr. W. P. Shofstall, ASU dean of students and chairman of the scholarship committee, states that these scholarships are renewable upon satisfactory completion of each academic year's work.

## ASU Gives Plant Job To Company

Gilbert and Dolan, general contractors, Phoenix, have been awarded a \$920,450 contract for the construction of a central refrigeration and heating plant on the Arizona State University campus, it was announced by Gilbert Cady, ASU vice president of business affairs.

The contract is subject to the approval of the board of regents of the universities and state college which is scheduled to meet Aug. 1 in Flagstaff. The Gilbert and Dolan bid was the lowest of nine submitted by local contractors, Cady said.

The refrigeration and heating system, including tunnels, will service two new science buildings nearing completion on the north east end of the campus and the proposed liberal arts building, for which funds have been appropriated, as well as provide for the future development of the ASU physical plant.

The new science buildings are the \$1 million-plus Life Science Center, scheduled for occupancy this fall, and the \$1.5 million Physical Science Building, which will house the chemistry and physics departments' classrooms, laboratories and research facilities.

## Sargent Gets ASU Scholarship

Stephen Lee Sargent, Phoenix, has been named winner of the \$4,000 Phelps Dodge freshman scholarship to Arizona State University.

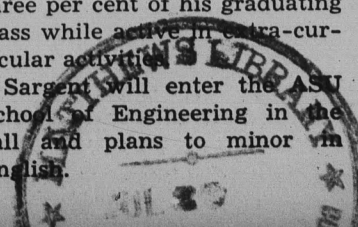
Son of Mr. and Mrs. S. S. Sargent, Steve was graduated from Scottsdale High School,

where he ranked in the upper three per cent of his graduating class while active in extra-curricular activities.

Long active in the Republican Party, he had recently been named to the party's new Program and Progress Committee.

Donations for the fund may be made to the ASU Foundation.

Sargent will enter the School of Engineering in the fall and plans to minor in English.



# State Press

EDITOR-IN-CHIEF  
REPORTERS

PETEY OLMSTED  
ART JOQUEL  
DAVE BARNES  
DON CARLSON

The STATE PRESS is distributed by Dave Pilcher Official campus newspaper of Arizona State University. Published each Wednesday and Friday throughout the school year, excepting holidays, and entered as second class matter in the Post Office at Tempe, Arizona, under the Acts of March 3, 1879, and August 24, 1912. Subscription price, \$3.00 per school year.

Member: Arizona Newspapers Association, Associated Collegiate Press, and National Advertising Service, Inc.

## Law Enforcers Returning To College For Schooling

It will be "back to school" Monday (July 27) at Arizona State University for approximately 45 officers from 14 law enforcement agencies throughout the state.

They have enrolled in the first annual statewide school for law enforcement officers, including more than 40 hours of instruction, which will be conducted at ASU Monday through Friday.

Final registration in the tuition-free school, the first of its kind to be held in Arizona, will be between 6 and 8 p.m. Sunday (July 26) at the ASU Memorial Union.

Courses of study during the intensive five-day program will include basic investigation, civil rights, techniques, mechanics and laws of arrest, report writing, public relations, fugitive investigation, patrol, defensive tactics, use and safety of firearms, laws of evidence, sex crimes, raids and road blocks and presentation of evidence.

Among the faculty for the school are Charles C. Stidham, Maricopa County attorney; E. Worth Farley, chief of the Tempe Police Department; Stanley Van de Putte, chief of the Glendale Police Department; Gayle Shuman, director of campus security at ASU, and the following special agents of the Arizona office of the Federal Bureau of Investigation:

John Duffy, Clarence Crandall, Lynn Bedford, J. Vernon Tuckey, Ora E. Mullenax, Walter Peters, J. Bailey Brower, William Baker and Gerald Snell.

The university will provide classroom facilities and room and board for officers unable to commute to the campus. It will also award a certificate of achievement to officers who successfully complete the requirements of the course.

Student-officers will be required to attend all classes — extending from 8 a.m. to 5 p.m. each day — compile satisfactory notebooks and pass a final examination.

The Brothers Karamazov, a classic novel made into a dramatic movie, will be shown free in Cosner Auditorium at 7:30 p.m., next Thursday.

## Toughest American Problem? The Explosion Of 'P-Bomb'

By ARTHUR JOQUEL

Extinction is the biggest threat facing the United States today," says Dr. Herbert R. J. Grosch, outstanding authority on computer engineering.

A participant in the National Science Foundation Summer Institute in mathematics being held on the campus, Dr. Grosch was equally outspoken about other aspects of American life, particularly in education and engineering.

Holding a Ph.D. in astronomy from the University of Michigan, he has been assistant to the director of marketing programs for International Business Machines, and during 1956-57 was manager of the scientific applications section of the General Electric Computer Department on the ASU campus.

"The biggest long-term problem is what I call the 'P-Bomb' — the population explosion," Dr. Grosch continues. "But we have to survive the threat of extinction in a catastrophic war to reach this next stage."

Appearing on a campus radio program shortly after the first Russian satellite was launched in 1957, Dr. Grosch was critical of the system of education in

the United States.

Asked if, in his opinion, it had changed or improved any since then, he says, "At least there is more interest in it. Any changes have been in the right direction, but the change is less than is needed."

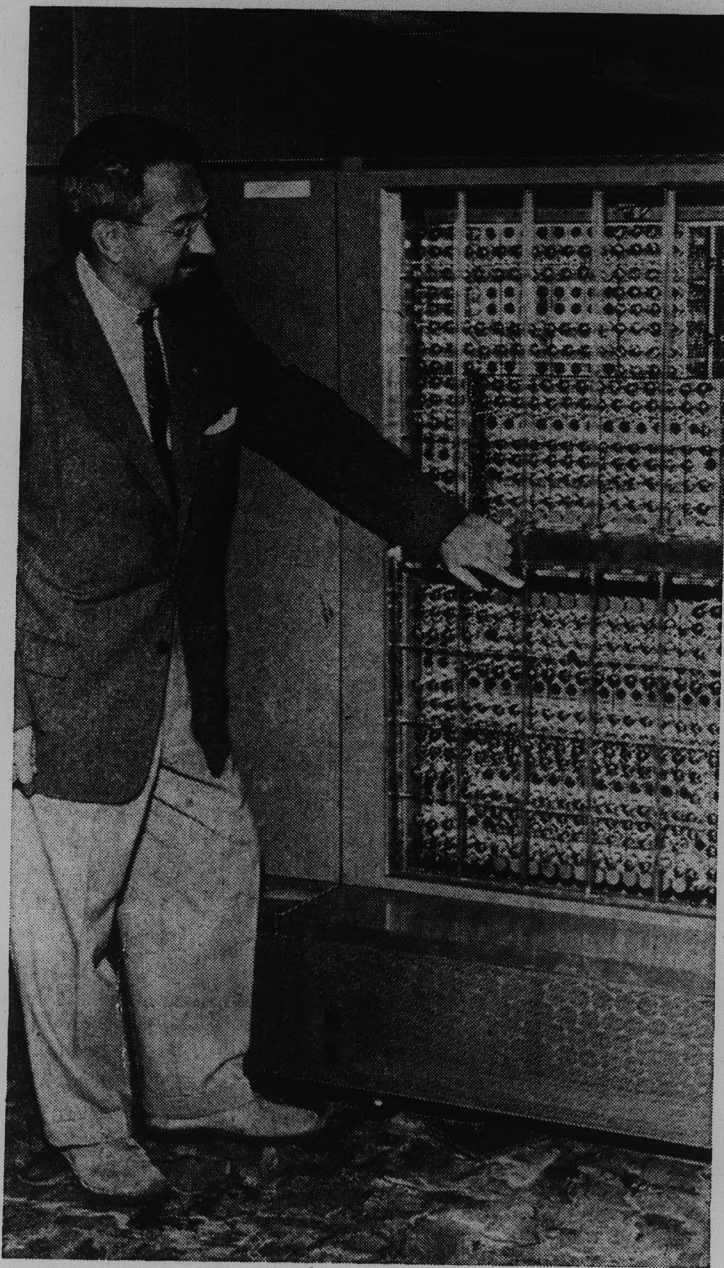
As to a larger area of cooperation between the physical and the social sciences in the future, his opinion was that it will not happen. "Both sides need it, but neither side wants it."

Asked whether the average young person today should secure a specialized or a generalized education, he opposes specialization "in the sense of a lot of 'tool courses.' The tools are blunted or obsolete before you start to use them because of the rapid progress in the field."

For both engineers and students of the social sciences he favors "work on the deep fundamentals, but on the science side rather than the tool side." The field of information and sensing devices holds the most promise for young engineers who want the area of greatest advancement for the future, he believes.

Within the next few years, Dr. Grosch says, there may be remarkable advances in the use of machine memories in a number of fields.

In addition to the positions mentioned above, Dr. Grosch has worked on a number of highly technical projects, including optical engineering, celestial mechanics, and installation of the first IBM 701 Electronic Data Processor in the aircraft engine industry.



Dr. Herbert R. J. Grosch

## Registration Sets New ASU High

A record-breaking total of 2,727 students enrolled in the second term of Arizona State University's summer sessions of study which began July 14, it was announced Thursday by Alfred Thomas, Jr., ASU registrar and director of admissions.

The 2,727 total is 375 students above the previous high which was established during the second term of the 1958 summer session. It is also 227 more than the 2,500 enrollment anticipated by the registrar's office for the final term.

Enrollment records were established in both terms this summer, with 3,837 students registering for the first session which ended July 11. Second term enrollment annually runs about two-thirds that of the first.

Second term classes will continue through August 15, with final examinations scheduled for August 14 and 15.

## Taliesin Tour On Schedule

A tour of Taliesin West is scheduled for Wednesday at 4 p.m.

The tour through the architectural school of the late Frank Lloyd Wright will be possible with tickets purchased at the MU information desk for 50 cents per person.

The trip is again made available due to popular demand.

## Noted Architect To Teach Here

One of the nation's noted architects and lecturers will be visiting professor of Architecture at Arizona State University's school of architecture next fall.

James W. Elmore, director of the school, said that Frederick L. Langhorst, AIA, San Francisco, Calif., architect and visiting professor this past year at Notre Dame University, will join the ASU faculty in September.

A 1949 winner of the First National Honor Award of the American Institute of Architects for distinguished residential design, Langhorst has conducted his practice in San Francisco and Sheridan, Wyo. He was consultant architect for the U. S. Army Corps of Engineers at Livorno, Italy, and

chief architect for buildings at five air bases in Spain.

His work has been widely published in such magazines as Architectural Forum, Time, Agricultural Record, Better Homes and Gardens, Progressive Architecture, Sunset, McCall's Horizons and Architectural Review, London.

Langhorst has lectured at universities across the country and in other nations.

## Nursing School Enrollment Is High

This fall's enrollment in Arizona State University's School of Nursing is expected to exceed 184 students, it was announced Tuesday by Mrs. Loretta Hanner, director of the school.

The breakdown on the anticipated enrollment indicates that 80 freshmen are expected

to register in September (in contrast to 64 last fall), 40 second-year students, 14 third-year students and approximately 50 registered nurses.

New courses which will be offered for the first time this fall include psychiatric nursing, public health nursing, leadership skills in nursing and medical-surgical nursing.

With the addition of five new faculty members, the instructional staff of the ASU School of Nursing increases from seven to 12, according to Mrs. Hanner. The new members, all of whom will begin teaching this fall, include four assistant professors of nursing and an instructor. They are:

Mrs. Angela M. Stumpf, instructor and clinical coordinator at Good Samaritan Hospital, Phoenix, since 1954; Miss Rosemary Johnson, instructor at the

University of Minnesota last year; Miss Helen Bigler, instructor at the San Francisco Calif., General Hospital since 1957; Miss Sonia Loir, former instructor at Columbia University, all assistant professors, and Miss Marlene Howes, who will assist in the introductory nursing course.

An instructor at St. Joseph's Hospital, Phoenix, from 1950 to 1953, Mrs. Stumpf has also served as a general duty nurse with the U.S. Army, the Veterans Administration and at St. Mary's and Milwaukee County Hospitals in Wisconsin.

She earned a bachelor of science in nursing education degree at Marquette University and has completed additional study at the University of Chicago where she expects to receive a master of science degree next month.

## MU Staff Planning Dances Tonight; Next Week

Tonight, from 8 to 11 p.m., there will be a free record dance at Clancy's and open games room, both in the MU basement.

Mrs. Ellen Bell, MU summer director, said that while dancers are at Clancy's, the games

room will be open for free use of the equipment.

A big name band arranger will play at the all school dance in MU ballroom on Wednesday, August 5.

Bud Estes, music arranger for Charlie Barnet, Jimmy Dorsey

and Benny Goodman, will conduct his own eight-piece band for the free dance sponsored by the MU activity board, Mrs. Ellen Bell, director.

The dance, from 8 to 11 p.m., is open to all students and faculty members.