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Writer Speculates On Life---2000 A. D.

The year 2000 may see Americans as a disturbing blend of organization man and beatnik, living in a society similar to that which the Greek philosopher Plato predicted twenty-five centuries ago.

This is the opinion of Arthur Louis Joquel II, author and historian, who will speak on "You in Tomorrow's World," Tuesday, August 11, at 8 p.m. in the Memorial Union Ballroom.

Barring the possibility of a nuclear war within the next few years, he considers that the

United States will be unchallenged as a global leader before the end of this century. Russia will be so involved with internal strife and possible conflict with China that she will no longer be a major world power.

Joquel bases his opinions on a study of cycles in history, religion, and weather which extend back over 5,000 years. A coming cycle of cooler weather indicates a trend toward individualism, he believes.

By the end of this century increasing automation and development of a "diploma elite" will have largely done away with present class divisions in the United States. Classes will be on a basis of occupations, with separations between classes which will be difficult to cross.

"However, there is likely to

be a reversal of the trend toward conformity, resulting in more individual freedom, but with a stricter moral code. Literature will be romantic instead of realistic; there will be more decoration in clothing and homes," Joquel continued. "There will be a much more personal type of religious faith."

Turning to Arizona, he foresaw power shortages and fresh water as its primary problems during the next forty years. Use of atomic power plants, combined with desalting of sea water, would allow the state to enjoy continued expansion in wealth and population.

Rocket History Goes On Display In Showcase

"Rockets Into Space" will be the topic of the final exhibit to be sponsored by the State Press in the Memorial Union trophy case beginning today.

Early books, photographs, and related material showing the work of some of the world's rocket pioneers will be included, along with material on earth satellites and designs for future spaceships.

Items in Russian, German, Japanese, and other foreign languages will illustrate the extreme interest which space travel has attracted in those countries.

Also included will be specimens of mail sent by rocket during the last 25 years. Mail from 12 countries will be displayed.

Latin American Affairs —

Professor Aids Senate Committee

Dr. Marvin Alisky, chairman of Arizona State University's department of mass communications, has been a panelist at the Carnegie Corporation's Conference on International Relations and Communications at

San Francisco State College this week—Wednesday through Friday. He discussed the role of mass media in public affairs.

Recent articles on mass communications by Dr. Alisky include:

"Peruvian Press Shows American Influence," in the July issue of The Quill, publication of Sigma Delta fraternity; "Journalism in the United States," in a recent issue of Veritas, Argentine weekly magazine published in Buenos Aires; and "Arizona's First newspaper, 1859," in the spring issue of the New Mexico Historical Review.

On June 23 Dr. Alisky appeared before the U. S. Senate Foreign Relations Committee in Washington, D. C., testifying as a mass media authority before

the Senate Subcommittee on Inter-American Affairs.

An official Senate report on Latin American attitudes toward the United States policies will contain statements by the ASU professor regarding editorials and newspaper reaction in Latin America toward U. S. policies. These statements are based on his research and reading of the Latin American press.

Early in July Dr. Alisky conferred with other media researchers at the Center for International Studies at the Massachusetts Institute of Technology on the Cambridge campus. When he and Mrs. Alisky went to Mexico where he updated his research on the Mexican press in preparation for the Carnegie conference in San Francisco.



IT'S THIS WAY . . . Explained noted speaker Raphael Green to two members of his audience Tuesday evening in the MU Ballroom where he spoke on Russia. With Mr. Green are (l to r) Misses Barbara Koile and Ruth Meszaros.

ASU Highlights Careers September 1 On Campus

The Arizona Council of Engineering and Scientific Associations will sponsor a Career Night Sept. 1 at 7:30 in the Memorial Union building at Arizona State University.

Students from all grades in high schools throughout Arizona, who are planning careers in any branch of engineering or in mathematics, physics or chemistry, are invited to attend.

The program includes a welcome by Dr. George Beakley, professor of Engineering in the ASU School of Engineering, Career Night chairman; and an

address by Dr. C. Lester Hogan. Dr. Hogan, general manager of Motorola, Inc., Semiconductor Products Division, Phoenix, will speak at 7:40 p.m. and his talk will be followed by individual counseling.

Over 135 well-established and successful engineers and scientists from Arizona industry will be available that night for individual counseling with the students and their parents, about the fields the students are choosing.

ASU faculty members will be on hand to answer questions about academic requirements and procedures, for entrance to any engineering school or college.

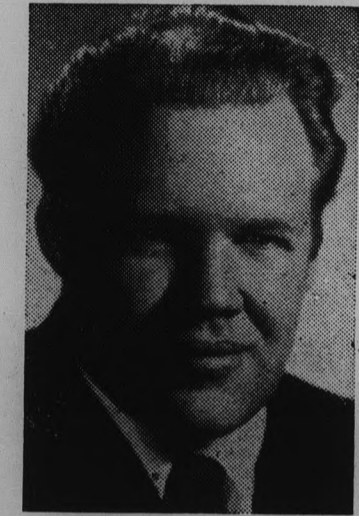
At 9 p.m., open house will be held at the ASU Engineering Center, Life Sciences Center and Physical Sciences building.

Dr. Beakley may be contacted at the ASU Engineering Center for further information. No reservations are necessary.

Oil Company Award Goes To Mesa Student

Gary A. Gruenhagen, 1959 graduate of Mesa High School, has been awarded a \$400 scholarship for study at Arizona State University. The scholarship is donated by the Standard Oil Co.

The son of Mr. and Mrs. Fred Gruenhagen, 22 W. Country Club Dr., Mesa, Gary will major in geology at ASU. He will enroll in September.



ARTHUR LOUIS JOQUEL II

Experts Gather For Course

A staff of eight specialists has been assembled to conduct the fourth annual special intensive course in modern industrial spectroscopy Aug. 17-28 at Arizona State University.

The faculty will include Dr. Jacob Fuchs, ASU professor of chemistry and director of the course; Dr. Ralph W. Wood, of the Kennecott Copper Corp. Research Center, Salt Lake City, Utah; Dr. William F. Ulrich, supervisor of applications, Beckman Instruments, Inc., Fullerton, Calif.; Nick Mirti, installation and service manager, National Spectrographic Laboratories, Cleveland, Ohio.

Also Richard L. Miller, Mesa, ASU graduate assistant in chemistry, and three officials of the Jarrell-Ash Co., Richard F. Jarrell, Newtonville, Mass., president; Robert E. Alvord, San Mateo, Calif., and Judd Vile, Costa Mesa, Calif., technical representatives.

A major aspect of the course, emission spectroscopy, involves

a series of methods and techniques by which the composition and structure of metals and ores are analyzed and classified.

Lectures and practical work of the course, which is designed for chemists and physicists from industrial laboratories and governmental agencies that use spectrographic and spectrophotometric equipment, serve to train personnel to man these laboratories.

Students and instructors from 11 states will participate in the 10-day course

Dean Of ASU Graduate College Dr. Stout, Named To 'Who's Who'

The 1960 edition of the international Author's and Writer's Who's Who, published in London, England, will list Dr. Irving W. Stout, dean of Arizona State University's Graduate College.

Dr. Stout, and Dr. Grace Langdon, New York City child growth and development con-

sultant, have a nationally syndicated column. "Today's Children." The column appears on the Arizona Republic woman's pages.

Drs. Stout and Langdon are also co-authors of three books dealing with problems of growing children.



EDITOR-IN-CHIEF PETEY OLMSTED
 REPORTERS ART JOQUEL
 DAVE BARNES
 DON CARLSON

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New Liberal Arts Building Bids Out

The board of regents Saturday authorized Arizona State University to call for bids Aug. 18 on the construction of a College of Liberal Arts building with provision for approximately 85,000 square feet of floor space.

Designed by Ralph Haver and Associates, Phoenix architects, the building will have four floors, an interior courtyard providing exhibit and public areas and accommodations for approximately 1,500 students and faculty.

Offices, classrooms, laboratories and clinics of the College of Liberal Arts will occupy the building which will be located on College Ave. across from Matthews Library in front of Old Main.

In other action, the regents approved a \$910,406 contract awarded to Gilbert and Dolan, Phoenix contractors, for the construction of a central refrigeration and heating plant which will service two new science buildings nearing completion on the northeast end of the campus and the proposed College of Liberal Arts structure. The regents also:

Approved a \$27,673 contract awarded to Burr and Sons Construction Co., of Mesa, for remodeling four rooms at the ASU training school.

Authorized ASU to call for bids on the installation of an elevator in the Business Administration building at an estimated cost of \$17,000.

Authorized ASU to work with the City of Tempe on completing street improvements on Van Ness and Stadium Drive

Approved the designation of Horlbeck and Hickman, of Mesa, as the architects for the construction of concession stands at Sun Devil Stadium

Rejected the low bid of \$21,000 for remodeling Matthews Cottage for additional office space on the basis that the amount exceeded the budget

Accepted and authorized final payment for the construction of the Life Science Center, at a cost of \$1,029,830, and the Physical Science Building, with a total contract of \$1,107,851.

Approved a contract with the Visiting Nurse Service, of Phoenix, providing clinical instruction in public health for ASU student nurses.

Research Grants Mounts For ASU From Companies

Research grants totaling \$70,867 were reported to the board of regents Saturday by Dr. Grady Gammage.

Three of the grants totaling \$29,007 are renewals of previous contracts with Park Davis and Company and the U. S. Public Health Service, sponsoring the cancer research of Dr. Roland K. Robins, associate professor of Chemistry.



BUILDERS . . . Raphael Soriano of California, world renown architect, confers with Chester Sprague, director of the ASU architecture workshop now in progress in Payson. Now working and studying at the camp are 14 students.

Correspondence Courses Number 28

Twenty-eight courses in 10 fields of study will be offered this fall by the correspondence division of Arizona State Uni-

versity, announced Dr. Roy C. Rice, director of the division.

Designed for students unable to attend classes on campus, the courses consist of eight lesson-assignments for each semester hour of credit and require the same amount of work as the course taken in residence. Each assignment requires from eight to 10 hours of preparation.

Correspondence students receive lessons consisting of reading assignments, suggestions for study and questions to be answered. Questions, corrected and graded, are returned to the student who is encouraged to address additional questions and comments to the instructor.

Upon completion of the assignments, the student is required to take a comprehensive final examination on the ASU campus, if he lives in the Salt River Valley. A city or county school administrator selected by the correspondence division will give the final examination to students living a greater distance from ASU.

Enrollment is now being accepted for courses on all four levels of undergraduate credit is given for correspondence work.

A correspondence student is limited to one semester hour

Tom Harter Exhibits Art In Jerome

A one-man exhibition of paintings in oil, lacquer, case-in and watercolor by Tom Harter, professor of art at Arizona State University, will be featured in a show opening tomorrow at the Verde Valley Artists' Gallery in Jerome. The exhibit will continue through Aug. 31.

Harter, who studied in art schools in Los Angeles and New York, received a master of fine arts degree in painting from the University of Oregon.

A commercial artist, designer and illustrator, the ASU professor has executed many portrait commissions and has exhibited paintings in the following museums: Brooklyn, Denver, Dallas, Santa Fe, Pasadena, Los Angeles County and Riverside, N. Y.

Harter has had one-man shows in New York City, Phoenix, Scottsdale, Tucson and Palos Verdes Estates, Calif. He is listed in Who's Who in American Art, and is a member of the California Watercolor Society.

A \$38,860 grant from the Small Business Administration, Washington, D. C., will support a study of "Patterns of Success for Selected Small Businesses in Arizona," under the direction of Dr. William A. Niellander, chairman of the marketing department.

The Bureau of Reclamation, U. S. Department of Interior, has awarded ASU \$3,000 to conduct an investigation of chemical additive as a means of reducing seepage losses in irrigation canals, with Paul F. Ruff, associate professor of Engineering, designated as director of the project.

The regents also heard the following reports by Dr. Gammage:

As of July 9, the demand for on-campus housing at ASU has exceeded the supply.

Eighteen donors have recently added \$33,900 to the ASU scholarship fund.

Sculpture, Oil, Watercolor Work Shown In Sedona Through Aug. 3

An exhibition of watercolor and oil paintings and sculpture and ceramic works by students of the Arizona State University art center here will be placed on display Saturday at the Sedona Community School. The show will continue through Aug. 13.

As a part of the exhibit, Lew Davis, of Scottsdale, ASU lecturer in art, will give a gallery talk Tuesday, after which a reception will be held by the community sponsors of the center.

Special guest at the reception will be Cecil J. Lockhart-Smith, president of the Verde Valley Art Association.

The exhibit will include paintings by Ruth McGregor, Charles Pine, Donald L. Gray, Joseph Gatti, Tamara Kerr, Minette Martin and Sally Elliott, all of Phoenix, and Joyce Heinz, of Tempe.

Sixty-four students from 12 states, including Alaska, are enrolled in the summer school program.

Dr. R. K. Robins Consultant In Cancer Project

Dr. Roland K. Robins, associate professor of Chemistry at Arizona State University, has been named consultant for a new cancer research project at Midwest Research Institute, Kansas City, Mo.

The project, in cancer chemotherapy, is supported by a \$192,000 grant from the National Cancer Institute, Bethesda, Md. It will deal with synthesis of two classes of anticancer compounds, the pyrimidines and the imidazoles.

Dr. Robins, who has published 30 scientific papers on cancer chemotherapy, is recognized as an outstanding authority in this field.

Mrs. Haskins Is Named Director

Mrs. Louise Haskin, assistant professor of Art at Arizona State University, has been appointed workshop director for the 1959 Workshop in Arts and Crafts, to be held in Portland, Ore., August 17 to 28, sponsored by the State of Oregon.

She will direct workshops in paper sculpture, mosaics, three-dimensional construction, painting, drawing and printing.

LITTLE MAN ON CAMPUS

by Dick Bibler



"WORTHAL'S PARTICULAR - HE WON'T BE SEEN WITH JUST ANYTHING"