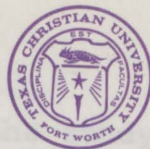


# FACULTY BULLETIN



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## HALF-WAY MARK REACHED IN SUMMER SESSION

Final examinations this Friday mark the close of the first six weeks summer term. Monday we register students for the second half and gradually close the gap between summer and fall.

Registrar Calvin Cumbie's final report on the first term shows 2,511 students enrolled. The number is 306 fewer than for the same period last summer. Undergraduate day school counted 1,464 students (a 10.5% decrease), Graduate School 562 (down 7.7%), Evening College 407 (down 21.1%).

Brite Divinity School showed a 41.8% increase! The School's enrollment totaled 78, an increase of 23 students over the 1967 first term.

## 363 SCHEDULED TO GRADUATE IN AUGUST

Looking ahead a bit toward summer commencement, August 23, Associate Registrar Joe Enochs tentatively reports that 363 students are listed for graduation. Last summer's final count was 360 and Joe feels that this year's class should be somewhat larger.

As of his July 2 analysis, 202 students will receive undergraduate bachelor degrees, five will graduate from Brite, 156 will receive degrees from the Graduate School. Of this latter number, 18 will earn the Ph.D.

## APPLICATIONS FOR FALL CONTINUE TO INCREASE

In her most recent study of applications for admission for the fall semester, Director of Admissions Anna B. Wallace reports that the percentage increase for all applicants over the same period last year is 13.7. Freshmen show an increase of 11.2 percent and transfers an increase of 21.6 percent.

APPLICATIONS FOR FALL (Cont'd)

Looking at totals of those approved and pending, the study shows 1,562 freshmen and 534 transfer applications as of July 2. Included in the freshman count for this period are 134 who have started their work this summer and indicate they will remain for the fall. Cancellations show a decrease over last year. Interestingly, Anna Byrd reports we have a larger "pending" group than we had even for our 1965 class. A more conclusive report will be made in early August.

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TCU MAGAZINE REPORTS ON UNIVERSITY MONEY CRISIS

In a feature article in the summer issue of "This is TCU," Vice Chancellor for External Affairs Dr. W. Earl Waldrop asks "Does TCU Face A Money Crisis?". The question is a vital one as the University's development officer states "While one can see the University moving up and out in ways that only an affluent institution could move, the observer, on the other hand, can see some signs that point to danger ahead and indications that we face a money crisis that seems almost insurmountable."

The article takes a hard look at the fact of rising costs of higher education for facilities, equipment, faculty, etc. Substantiating his report with studies by TIME Magazine, the Council for Financial Aid to Education and other sources, Dr. Waldrop realistically appraises the money problem. He notes that the cause is far from hopeless and urges his readers to know the "excitement that comes from a sharing of resources" for the purposes of higher education.

Be sure to read this feature. It's important for each of us to be aware of TCU's needs and to be ready to help and share when and however we can.

In other articles, the fine summer issue of the magazine edited by News Bureau Director Betty Knox describes Dean Jerome Moore's 25 years of service to the University, Creative Writing, reports on a "flowers for the living" tribute to Dr. Bonner Frizzell--and looks at Frog sports.

A special insert in the magazine carries photographs of President Johnson's recent visit to the campus and his commencement address. Extra copies of the insert have been printed and are available on a limited basis through the Public Relations Office.

NASA ASKS TCU RESEARCH TEAM TO CONTINUE X-RAY STUDIES

The National Aeronautics and Space Admin. has asked Drs. Leo Baggerly ✓ and C. A. Quarles, ✓ nuclear physicists on the TCU faculty, to do further work to uncover details of how X-rays are produced.

Dr. Baggerly for several years has questioned the basic theory which attempts to explain exactly what happens when an X-ray is produced. The theory is accurate enough for most commercial and industrial applications of X-rays, he said, but when a part of it was tested experimentally the results showed small deviations from the predictions. More precise knowledge will help scientists understand the hazards of space travel through the Van Allen radiation belts which encircle the earth, Baggerly said.

NASA will support the research work, provide fellowships for two graduate students working with them and supply some additional needed equipment. Dr. Baggerly, formerly at CalTech's Jet Propulsion Laboratory and a Fulbright lecturer at the University of Ceylon, has been visiting scientist at Texas Nuclear Corp. and, during a leave from TCU, was senior research scientist at Ling-Tempco-Vought Research Center. Dr. Quarles was a research physicist at Brookhaven National Laboratory before joining the TCU faculty.

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\$50,700 GRANT RECEIVED FROM NSF ✓

The National Science Foundation has granted \$50,700 to a research group studying waves of electromagnetic energy which mysteriously form in outer space and come to earth through the atmosphere.

The research team is headed by Dr. A. A. J. Hoffman, professor of physics and mathematics at TCU, and A. W. Green, Jr. of Texas Instruments Inc. of Dallas. The magnetohydrodynamic (MHD) waves are in many ways similar to the X-rays, infrared waves and radio waves which play a large role in today's technology. But MHD waves have astronomical lengths and are very weak. Detection equipment is so sensitive that it is thrown off base when a man jingles coins in his pocket 100 feet away.

The unique facility which detects the waves was built by Texas Instruments and is located at Southwest Center for Advanced Studies, where Mr. Green is a visiting scientist. The TCU Computer Center is used to sort out the frequencies that are recorded and to find their relative strengths.

SAVE \$\$\$ ON CASA TICKETS FOR FAMILY, FRIENDS

As announced before the close of the spring semester, TCU employees may save from 35 to 50 cents each on tickets to Casa Manana's summer musicals by purchasing them from the Student Activities Office. Casa is offering a 12½ percent discount to the University which will allow employees to obtain a \$2.95 ticket for \$2.60 (good Mon. and Tues. nights), a \$3.45 ticket for \$3.00 (good on Wed. and Thurs.), and a \$3.95 ticket for \$3.45 (good Fri. and Sat.).

Remember that you may purchase tickets at these discount prices for your family and friends, as well as for yourself. Remaining musicals this summer include "Oklahoma" (through July 13), "A Funny Thing Happened On The Way To The Forum" (July 15-27), "Gypsy" (July 29-Aug. 10), "Camelot" (Aug. 12-24), and "Walking Happy" (Aug. 26-Sept. 7).

Check with Libby Proffer in the Student Activities Office, Room 225, Student Center (Ext. 341), for further information.

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GOLF SCHOLARSHIP HONORS GENE CAGLE

A memorial scholarship fund honoring the late broadcast executive, Gene L. Cagle of Fort Worth, has been established at TCU. Two awards, of \$1,500 each, to be designated as the "Gene L. Cagle Scholarships," will be given annually for the next four years. They will be offered to students who participate in TCU's golf program, an area in which Cagle was especially interested.

Cagle, who died of a heart attack last March, was past president of the Texas State Network and a 1933 TCU graduate. He served on the Fort Worth City Council from 1959-63. The scholarship awards are being initiated by a gift from Willard A. Michaels, president of Storer Broadcasting Co. in Miami Beach. A close friend of Cagle, Michaels said, "Knowing Gene and his practical attitude as I did, he would be the last one to approve of any 'hearts and flowers' memorial activities in his behalf, but also knowing his strong affection for your fine school, I am just as sure that he would approve of this small personal gesture."

The scholarships will be open to any male graduate of an accredited Texas high school who has maintained at least a "B" average his last two years in school and who can otherwise meet TCU entrance requirements. Selection of recipients will be made by the athletic director, golf coach and other school officials.

UNDERGRADUATE CHOSEN FOR ATOMIC ENERGY COMMISSION PROGRAM

Carolyn Ann Marvin of Shreveport, a TCU senior majoring in psychology, is one of 10 undergraduate students selected from throughout the United States to participate in a summer research program at Atomic Energy Commission laboratories in Oak Ridge, Tenn.

Carolyn, a National Merit Scholar and president-elect of TCU's Honors Cabinet, and the nine others in the select group began appointments in the Undergraduate Research Participation Program in Quantitative Ecology on June 5. The students will engage in full-time study under the guidance of senior investigators on research projects ranging from movement of isotopes and nutrients in the environment to computer studies of ecological data and systems analysis of landscapes and fresh waters.

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BRITE'S "LAY SCHOOL OF THEOLOGY" TO BEGIN SUNDAY

About 35 persons are expected to enroll for the Lay School of Theology, July 14-20, planned by Brite Divinity School in cooperation with the Texas Association of Christian Churches and the Christian Church Associations of Louisiana and New Mexico.

The school's purpose is to interpret the church as ministry and the function of the laity in that ministry. Open to all lay men and women, the school will begin at 5 p.m. Sunday, July 14. Registrants will be housed in campus residence halls.

Brite Dean Elmer Henson will serve as dean and host of the lay school and will give the chapel messages. Roy Cates of the Texas Association of Christian Churches will serve as the school's director.

Three courses are offered: "The Church in History," taught by Dr. A. T. DeGroot; "Interpersonal Relationship and Communicating the Gospel," taught by Dr. Marcus Bryant; and "The Corinthian Church and Contemporary Problems," taught by Dr. William Baird, Jr., Roy Holt, associate executive director of TACC will lead a series of evening discussions on the new curriculum in Christian education of the Disciples of Christ to be launched in 1969.

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**GARAGE SALE:** Joan Workman (WA 7-8986) and Ira Schantz (AX 2-3630) of the Music Dept. have a garage sale under way at 6221 Hulén. Among the largest items: An 18,500 BTU Sears air conditioner, 230 volts; a 9 by 12 brown and gold tweed nylon carpet; an 8½ by 11 off-white sculptured nylon carpet. There are many smaller items as well. Call either one of them for more details.

MOBIL COLLOQUIUM LECTURES ON MOON AND PLANETS AVAILABLE

A series of ten lectures given last year by Dr. Robert J. Mackin, manager of the Lunar and Planetary Science Section of CalTech's Jet Propulsion Laboratory, have been compiled into book form. Entitled "Current Knowledge of the Moon and Planets," the book is published by the Mobil Research and Development Corp. Field Research Laboratory of Dallas and is part of that company's Colloquium Lectures in Pure and Applied Science.

J. M. McMillen, senior research physicist for the Mobil research laboratory and instructor in astronomy in TCU's Evening College, edited the lectures.

The book is number 12 in the Colloquium series, and is available at no cost to interested scientists by writing to: Supervisor of Technical Training, Mobil Research and Development Corp., Research Dept., Field Research Laboratory, P. O. Box 900, Dallas, Texas 75221.

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SUMMER SESSION IN MEXICO UNDER WAY

Mrs. Elvira Harris, assistant professor of Spanish at TCU, and 18 students are in Monterrey for the University's 17th annual summer session in Mexico. The six-weeks term, which began July 10, is held in cooperation with the Instituto Tecnológico y de Estudios Superiores de Monterrey and is part of TCU's foreign study program established in 1961.

The Monterrey program is under the direction of Mrs. Harris. Students may earn a total of six semester hours of college credit by taking undergraduate courses in architecture, art, folklore, accounting, geography, history, Mexican literature, sociology, Spanish and swimming. Courses leading to the Master of Arts degree are also available.

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OUR APOLOGIES TO MR. THEO BEASLEY...

...for an error made in the June 12 issue of the Faculty Bulletin. The article, which praised the fine \$1.25 million endowment grant given by Mr. Beasley and his wife to TCU's Brite Divinity School, identified Mr. Beasley incorrectly as chairman of the board and chief executive officer of Republic National Bank of Dallas. It should have read: Republic National Life Insurance Co.

SUMMER NOTES ON NOTABLE FOLKS

Congratulations to Philosophy Chairman GUS FERRE and History Prof BEN PROCTER on winning the Fort Worth City Handball Doubles Championship. Some of the team's opponents thought they had an easy victory when they found they were playing a couple of "tired ol' college teachers," but they soon discovered the dynamic duo was more than a match for them. Gus and Ben had an undefeated season.

SMALL WORLD DEPT.: Vacationing in the cool mountains of Colorado, PR Director JIM LEHMAN and family camped out in Rocky Mountain National Park and discovered RICHARD and BERT DOUTHIT of speech and CESCO were neighbors. At nearby YMCA Camp of the Rockies outside Estes Park another familiar face was seen: KEITH ODOM of English. Keith and his family had to cut short their vacation because their Fort Worth home had been broken into twice during the week they were gone.

Admissions Officer JEWELL POTTER'S husband, Clayton, becomes minister of Ridglea Christian Church in Fort Worth, July 15. Clayton has been associate executive director of the Texas Assn. of Christian Churches since 1961.

Chancellor JIM MOUDY will speak at Ridglea Country Club on July 16 and will show the film of his TCU Forum appearance last spring entitled "What is a University?". The 16mm black and white film was made from the videotape produced by WBAP-TV. Publications Director FRED McDONALD and Audio-Visual Director BOB SCHAFFER will be on hand to assist in showing the film.

ANNETTE MEYERS PLANICK of the music faculty presented a musical program for the Soroptimist Club of Dallas at the Baker Hotel in Dallas, June 20.

"Laser Contacts and Measurements of the Moon, and Laser Space Communications" was the long but interesting title of a talk given by Dr. RICHARD LYSIAK of physics at the Fort Worth Museum of Science and History (formerly FW Children's Museum), June 27. The presentation was made to members of the Fort Worth Astronomical Society. Evening College's STANTON PARKER is secretary-treasurer of the group.

Religion Chairman NOEL KEITH authored three historical articles for the forthcoming Vol. III of the Handbook of Texas. Topics deal with the Christian Church (Disciples of Christ), Texas Christian University and Jarvis Christian College.

Computer Center Director ALEX HOFFMAN has been named chairman of the newly formed Fort Worth Chapter of the Association for Computing Machinery, a national group with headquarters in New York City. SELBY EVANS of TCU's Institute for the Study of Cognitive Systems is program chairman.

MORE SUMMER NOTES

JIM RAWLS of the Institute of Behavioral Research has an article in the current issue of the Journal of Projective Techniques and Personality Assessment. It's entitled "Artists versus nonartists: Rorschach determinants and artistic creativity."

M. A. DOSS, who is responsible for maintaining the campus grounds, and who suffered a heart attack several weeks ago, is back on the job this week. M.A. sends his thanks to the many TCU folks and other friends who sent cards and called wishing him a speedy and full recovery. He's feeling fine, though the doctor is requiring him to walk two miles each day. Mrs. Doss goes along to be sure he doesn't loaf too much along the way.

MacLeish writes: "As Americans, we perhaps as members of our generation on this earth, have somehow lost control of the management of our human affairs, of the direction of our lives, of what our ancestors would have called our destiny." He notes that though we have been proud of "our scientific and technological achievements, we have also been aware that these achievements were not altogether ours, or, more precisely, not altogether ours to direct, to control—that the process had somehow taken over leaving the purpose to shift for itself so that we, the ostensible managers of the process, were merely its beneficiaries."

In the years following World War II, writes MacLeish, "we were ceasing to think of ourselves as men, as self-governing makers of a new nation, and were becoming instead a society of consumers: grateful recipients of the blessings of a technological civilization. We no longer talked in the old way of The American Proposition. . . . We talked instead of The American Way of Life."

Examining the role of education, particularly higher education, MacLeish says, "The university's concern with 'man' as such has grown less and less and its concern with what it calls 'subjects' has become greater and greater." "The college," he writes, "no longer exists to produce men and men, men prepared for life in a society of men, but men as specialized experts, men prepared for employment in an industry or a profession."

Though the specialist is more frequently encountered now than in the past, says MacLeish, the educated man capable of asking the great and liberating questions by which humanity makes its way through time, is