

# Give to the '69 President's Fund

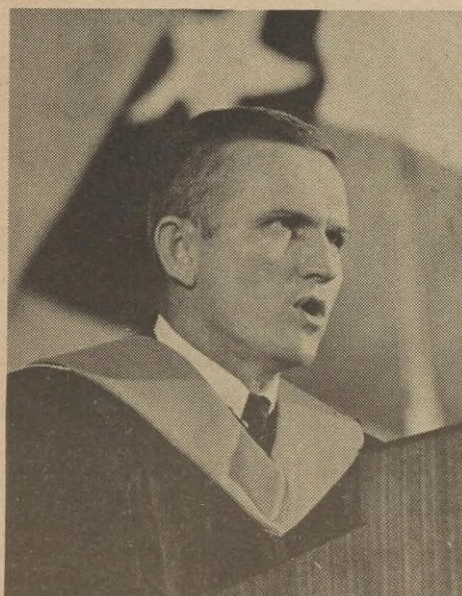
University of Houston

# extra news

Vol. 1 No. 4

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July, 1969



Commencement . . .

Astronaut Frank Borman, new field director for advanced space stations at the NASA Manned Spacecraft Center, addressed over 2,300 candidates for degrees or diplomas at the University of Houston commencement ceremonies May 31. Twenty-three students graduated with highest honors — summa cum laude. The student with the highest grade average for the spring term was Charles Matthew Romer, with a 3.947 average; and the student with the highest average for the winter term was Linda Reitz Epps, with a 3.884 average. Doctorate degrees were awarded to 199 students.

## Behavioral sciences

### pioneer search

## for dental phobocide

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## Texana Collection

## Socialist colony

### fails in Texas

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## John Van Ness

### discusses

## campus unrest

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# UH wins 11th golf championship

Playing with only four men in the final round, UH Golf Team led by junior John Mahaffey's final round 70, won its 11th National Golf Championship in the past 14 years, the last week end in June at

Colorado Springs, Colorado.

The Cougars beat second place Wake Forest by nine strokes, 1223 to 1232. Defending champion Florida was fifth, 18 shots behind the UH foresome.



Meter mania . . .

Visitors to the UH campus after Sept. 1 will find parking problems somewhat reduced. Parking meters, approximately 110 in number, have been installed

in nearly every lot on campus so that parking will be advantageous from any location.

Houston had opened the final round of the 72 hole tournament six shots behind Wake Forest.

"This is the biggest one we've ever won because we were playing with just 4 players and everyone else in contention had five. The Boys really did a job. The pressure was so high that no one could even grip a club," explained Golf Coach Dave Williams,

"These were the toughest playing conditions that I've ever seen. The overall competition was also the best to date in an NCAA tournament."

According to Jack Agness, Houston Post Golf Writer who covered the tournament, the disqualification of Cougar Sophomore Dave Shuster, the team's fifth man, on the first day of competition, was most unfortunate, and the committee that levied the penalty did a lot of soul-searching afterward.

The Coaches have already taken steps to modify the USGA rules and unless there is flagrant cheating, there will probably never be another disqualification.

"Dave was booted out of the competition for an improper drop on a ball out of bounds when a two stroke penalty would have been sufficient punishment." "Later, an NCAA golfer buried his putter in the green without as much as a wrist slap."

"Shuster's banishment was obviously a deliberate move to penalize Houston which has dominated college golf like no other team in the modern era. Winning without a fifth player was only one of the marks of a champion," Agness concluded.

UH's Bob Barbarossa, a senior co-captain, almost added the individual title. He finished with a 301 total, three shots off the winning 298 by Wayne McDonald of California State of Los Angeles.

Other UH scores were: Doug Olson, UH's other co-captain, 304; John Mahaffey, 306; and Bruce Ashworth, 312.

Mahaffey, will be a senior next season when UH defends its title on the Ohio State Campus in Columbus. Ashworth will return as a junior as will Dave Schuster.

# UH alumni among legislators in Austin

Fourteen University of Houston alumni are among the senators and representatives who converged in Austin when the 61st Texas Legislature convened in regular session on Jan. 14.

The law-makers composed 40 percent of the Harris County representation in the Senate and 67 percent of the county's representation in the House.

Senators include CRISS COLE and HENRY C. GROVER.

Senator Cole (D), a graduate of UH Bates College of Law, has served as chairman of the Youth Affairs Committee and as vice-chairman of the Rules Committee. Elected in 1962, he served in the U.S. Marine Corps.

An attorney, he is married and the fa-

ther of two children.

Senator Grover (R), holder of the MA degree from UH, has served as vice-chairman of the Claims and Transportations Committees. Elected in 1966, he served in the U.S. Army.

A teacher, he is married and the father of four children.

Representatives by districts, include the following:

#### DISTRICT 22

JACK OGG (D), Place 1 representative, received the BS degree at UH. Vice-chairman of the State Affairs Committee, he was elected in 1966.

An attorney, he is married and has one child.

WILLIAM E. LEE (R), Place 2 repre-

sentative, attended UH Bates College of Law. An attorney he was elected in 1968.

RUSSELL CUMMINS (D), Place 4 representative, has served as vice-chairman of the Penitentiaries Committee. Elected in 1966, he has served in the U.S. Navy.

He is married and the father of two children.

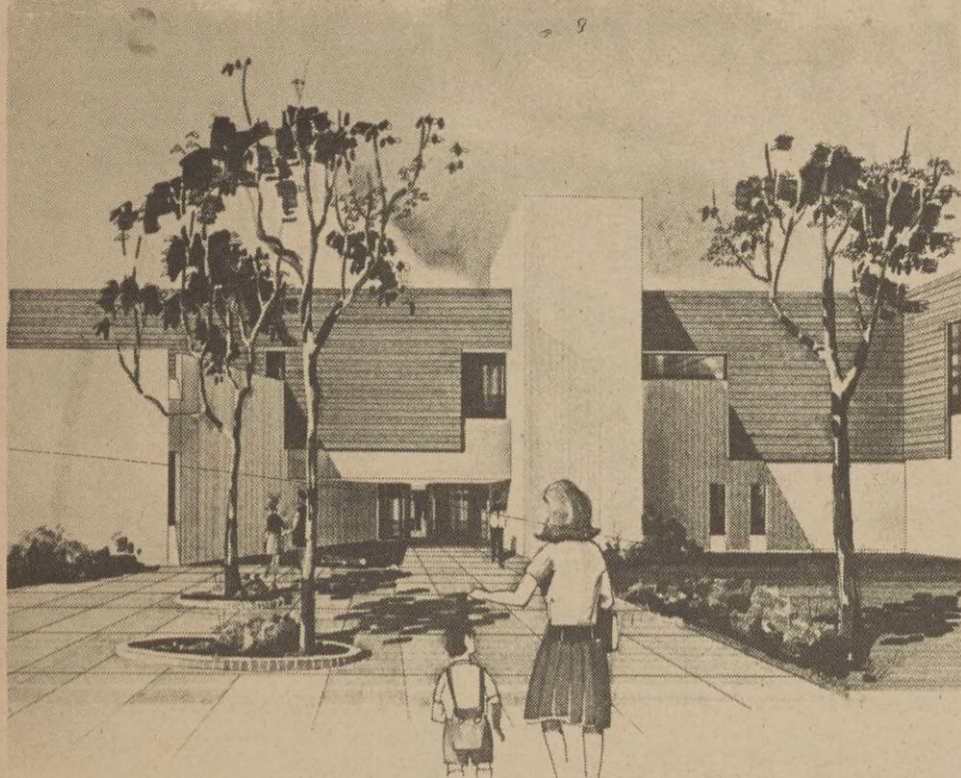
EDMUND E. JONES (R), Place 7 representative, was elected in 1967. A UH alumnus, he served in the U. S. Air Force.

He is married and the father of two children.

#### DISTRICT 23

LINDON WILLIAMS (D), Place 2 repre-

See Legislators Page 10



**Campus construction . . .**

The Harry S. Cameron Building housing the new facilities for both the UH Home Economics labs and Nursery School is now under current construction at UH. The \$829,000 structure, will be ready for use by the summer of 1970.

# Plans underway for homecoming week

Richard Coselli, (LLB '58) has been named chairman of the 1969 Homecoming Committee. The '69 Homecoming game will match UH against the University of Mississippi in the Astrodome at 7:30 p.m. October 25.

Homecoming Committee members include: Attorney Richard (Racehorse) Haynes, (LLB '59); Attorney Charles Saunders, (BS '45); Businessman Pat H. Foley, (BBA '36); Communications Specialist Mrs. Annette Stonedale; and Communications specialist Foster Wick, (BS '49).

Preliminary Homecoming plans include: MONDAY-THURSDAY, October 20 - 23 - Continuing education programs for Alumni. Sponsored by various colleges of the university.

THURSDAY, October 23 - Torchlight Parade, Bonfire, Pep Rally, and Street Dance to be held on campus.

FRIDAY, October 24 (Evening) Distinguished Alumni Awards Banquet.

SATURDAY, October 25 - 10:00 a.m. A renewal of the downtown Homecoming Parade with floats constructed by the various student organizations.

SATURDAY, October 25 - 7:30 p.m. Homecoming Game with Mississippi at the Astrodome.



**Tinsley**

## A & S names assoc. dean

A new associate dean in the UH College of Arts & Sciences has been named. He is Dr. James A. Tinsley, chairman of the history department.

In his new assignment, Dr. Tinsley will handle curricular matters and perform special liaison functions with the Honors Program and the humanities and social sciences areas.

A native of Haynesville, La., Dr. Tinsley joined the UH history faculty in 1953 after holding teaching positions with Texas A & M University and North Texas State University. He holds his Ph.D from the University of Wisconsin.

Dr. Tinsley has been active in research in recent Texas and United States economic history. His articles have appeared in periodicals such as the "Journal of Negro History" and the "Southwestern Social Science Quarterly."

# Classroom building named

The late Mrs. Agnes Cullen Arnold will be honored by the University of Houston by having the new six-story Liberal Arts Classroom Building named for her, it was announced by Dr. Philip G. Hoffman, president.

The new designation for the building will be "Agnes Arnold Hall."

Mrs. Arnold served as a member of the Board of Regents of the University

from 1950 to 1960. She was the daughter of a great benefactor of the University, Hugh Roy Cullen.

In addition to her service as a University Regent, Mrs. Arnold was active in the civic and cultural life of the community. She was a trustee of the Houston Museum of Natural Sciences, an honorary board member of the Girl Scouts, and a supporter of the Museum of Fine Arts.

Mrs. Arnold was also a trustee of the Cullen Foundation, which was set up by her father and mother to benefit charitable and educational institutions of the state.

"It is indeed appropriate that the University of Houston should memorialize this

great lady in this manner, Dr. Hoffman stated. "Mrs. Arnold, as an individual and in concert with other members of the Cullen family, served this institution significantly and bountifully. She added immeasurably to the growth of the University by the contribution of her talents and time during a crucial period in the development of the University."

### Building completed in '67

The building named in honor of Mrs. Arnold was completed in 1967 at a cost of \$4.5 million. It houses 32 classrooms, two lecture halls, 184 office spaces. The lecture halls seat 441 persons and 568 persons. Another outstanding feature of the structure is the 160-station language laboratory, located on the third floor.

Seven departments of the College of Arts and Sciences are located in the building. They are foreign languages, history, political science, mathematics, philosophy, sociology and anthropology, and geography.

## Eight selected as new cheerleaders

UH Cheerleaders for the academic year 1969-1970 were named May 15 at the annual Awards Day celebration sponsored by Omicron Delta Kappa, men's honor society for the recognition of campus leaders.

Named to the post were: Patsy Clark, sophomore elementary education major; Sharon Eilers, freshman management major; Ellen McClatchey, freshman arts and sciences major, and Jeanne Goka, freshman English major.

Also John Rayburn Scott, freshman English major; Steve Goodman, sophomore journalism major; Tom Barbazette, sophomore management major; and Karl Madsen, junior health and physical education major.

## NASA man joins faculty

One of the top scientists at the NASA Manned Spacecraft Center will join the University of Houston faculty this fall, according to Dr. Philip G. Hoffman, president.

Dr. Elbert A. King, Curator of Lunar Samples at MSC, will come to the University as chairman of the department of geology and associate professor of geology.

With MSC since 1964, Dr. King assisted in the establishing of the Geology and Geochemistry Section and played a key role in the conception, planning, construction and organization of the Lunar Receiving Laboratory.

A native Texan, Dr. King received his Ph.D in geology from Harvard in 1965. His B.A. and M.A. degrees are from the University of Texas at Austin.

Dr. King is the author of more than 20 technical papers and last year delivered a paper as an invited participant at the International Geological Congress in Prague, Czechoslovakia.

## Black studies underway

The appointment of Dr. Robert V. Haynes as acting director of the new Afro-American Studies Program at the UH was announced by Dr. Philip G. Hoffman, president.

"It should be emphasized that this appointment is a temporary one and was made at this time in order to get the new Afro-American Studies Program underway by June 1," Dr. Hoffman said.

"In the meantime, it is my understanding that Dr. Haynes and other members of the Task Force plan to give top priority to developing recommendations for a permanent director, hopefully a position that can be filled by September 1."

Dr. Haynes joined the University of Houston in 1956. In recent years he has been involved in the developing and teaching of a course in the History of the American Negro. He is also a member of the Task Force which studied and recommended the establishment of the program. Dr. Haynes holds his Ph.D. from Rice University.

University of Houston

## extra news

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Center for continuing education and hotel and restaurant school

# 1972 Forsee new facilities for education

A new center that will provide the facilities for graduates to return to college and update their educations is the Center for Continuing Education, currently under construction at UH.

The Center For Continuing Education designed by the Architectural firm of Pierce & Pierce, the designer of the University Center, will cost an estimated \$4.2 million dollars and will be ready for occupancy in the fall of 1972.

James C. Taylor, UH dean for continuing education, said the center will attract from 15,000 to 20,000 students a year, who will enroll for courses from every field of study that the University offers. These short courses will be designed and taught by university faculty members with emphasis on updating what the student has learned in his earlier college education.

The center will also include a large restaurant and an 80 room hotel, both to be operated by the new UH hotel and restaurant management school, and a two level underground parking garage.

Dr. Philip G. Hoffman, said recently: "Securing a bachelor degree is a very laudable thing, but unless you keep on learning, it doesn't mean much."

The Continuing Education program will be geared to the return every few years to the University of people in many educational areas.

Dr. Hoffman predicts that upon completion, the building will be one of the most heavily used educational facilities on the campus.

## Excellence Campaign shows outstanding increase for '69

University of Houston officials cited a \$212,000 increase in Excellence Campaign contributions over 1968 as indication of continued and growing community confidence in the performance of the institution's 26,500 student, faculty and staff.

John F. Burton, general chairman of the 1969 campaign, reported cash gifts totaling \$1,061,679 on June 30 compared with a campaign total of \$849,625 at this time last year.

Interpreting the campaign results, Dr. Philip G. Hoffman, president of the University, stated that the outstanding increase in giving indicates an awareness by business and professional leaders of the significant role of the University in serving the community, as well as an appreciation for the University's advancement instruction, research and public service.

The June 30 figure represents 96.5 per-

cent of the \$1,100,000 goal to be reached by August 31, close of the academic and fiscal year.

Burton predicted that the campaign will exceed the goal with pledges and cash contributions still being received. He commended 350 business and professional men who are working in the campaign and have already visited 94.5 percent of this year's 1,320 prospects. Three of four business, professional, foundation and individual prospects have already responded to the appeal for excellence funds.

Conducted annually by the University of Houston Foundation, the Excellence Campaign provides funds to compensate for the gap between state appropriations and the amount actually needed to operate the University.

Burton said that the need for unrestricted gifts remains a critical aspect of the

current campaign. Only \$193,875 of the total received is unrestricted. Unrestricted gifts, he noted, are being used in faculty recruiting, for student scholarships and loans, building and property insurance premiums, library acquisitions, to provide for special equipment, and to meet other equally high-priority requirements. Approximately \$100 is required annually in supplementary funds for each student enrolled in the University.

"This awareness of the quality performance of all members of the University of Houston community," President Hoffman stated, "is a source of great encouragement to us. We are very pleased that community leaders recognize the University's central role in the Houston area and support us in our desire to achieve excellence throughout the University."

## Who's Who selected

Thirty-eight University of Houston students have been selected for inclusion in the 1969-70 edition of "Who's Who Among Students in American Universities and Colleges."

The UH students will appear in the book along with the upper two percent of students from some 1,000 major colleges and universities across the nation.

Selection is based on leadership, student activities and scholarship, and is limited to juniors, seniors and graduate students.

UH students selected are as follows:

Donna Rae Alley, education senior; David Amidon, English senior; Joe Glen Bax, history junior; William Bivin, finance senior; Bobby Brownstein, history teacher education senior; Scott Chase, law; Terence Cheng, electrical engineering junior.

Joe J. Cone, law; Alana Cooke, home economics teacher education junior; JoAnn Copeland, elementary education senior; John Cruickshank, finance senior; Robert Darilek, mathematics senior; Dennis Delafield, psychology senior; James Disch, health and physical education graduate; Mike Driscoll, general business administration senior;

Patricia Ann Fitzgerald, business education junior; Judy Ganem, sociology junior; Albert Hollinger, management graduate; Charles Jacobus, biology junior; Lester Keaton, psychology senior.

Carolyn Ann Kirck, elementary education junior; Ralph E. McMaster Jr., management senior; Charlotte Rae Myers, geology graduate; Johanna C. Nagle, English teacher education junior; Bruce Owens, accounting senior.

Robert Planck, insurance management junior; George Rangel, political science junior; Donald Samson, economics senior; Elizabeth Ann Schlanger, English senior; Richard Snyder, physics senior; Kristen Svendsen, elementary education junior; Ann E. H. Tofft, psychology junior.

Frank J. Weaver, radio-television senior; Mary Kate Weige, speech teacher education senior; Merry Lynn Westbrook, mathematics junior.

## Publications' editors named

The Student Publications Committee of the University of Houston has selected three students for the positions of fall and summer editors of the student newspaper, The Daily Cougar and editor of the student yearbook, The Hostonian.

Serving as summer Cougar editor is Rex Erickson, journalism sophomore.

Wally Lewis, journalism sophomore, was selected as fall Daily Cougar editor.

The 1970 editor of the Hostonian will be Judy Beust, journalism sophomore.

**JOIN THE COUGAR CLUB**  
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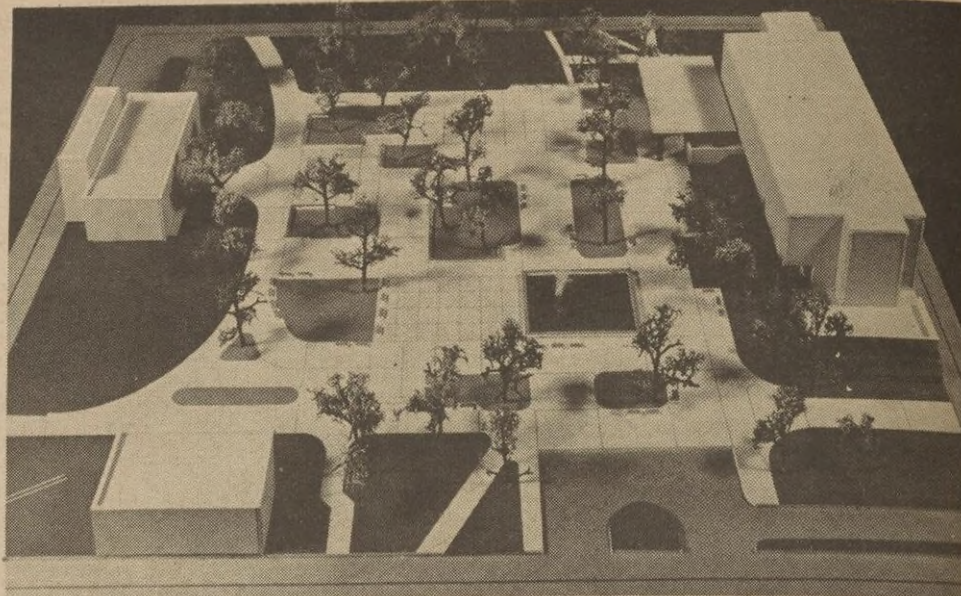
"MEET YOUR FRIENDS AT THE DOME"  
 See page 11 for the 1969 complete football schedule.



**Trials and tribulations . . .**

The Moot Court Room of the Bates College of Law is one of the new facilities which will be used in the education of UH

law students this fall, when the \$4 million Phase I of the UH law center is officially dedicated.

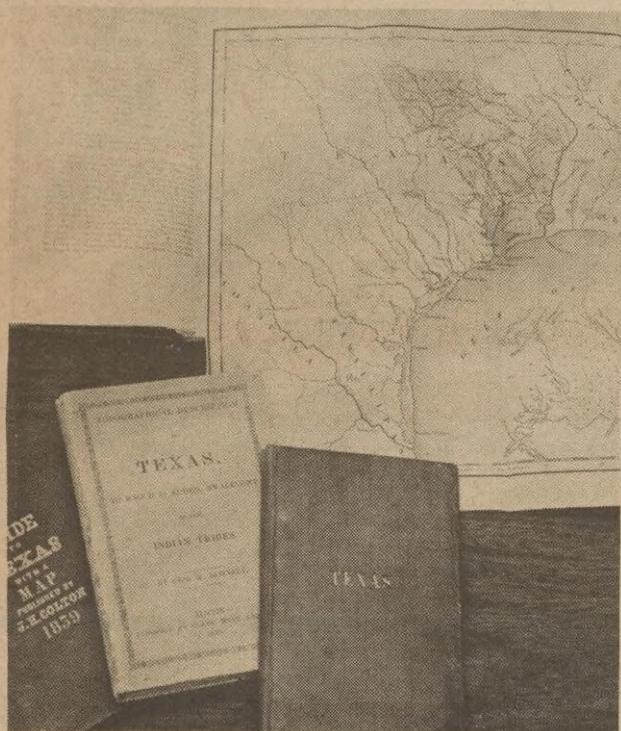


**Campus beautification . . .**

A major addition to the beauty of the campus is the \$200,000 Student Life Plaza which is to be completed in late 1970. The Plaza will be directly adjacent to the

Student Life Buildings which currently house the Alumni Federation, UH Placement Center, and Office of Scholarships and Financial Aid.

# French socialist colony fails; told in antique Texana Collection



**Topographical layout . . .**

Maps were a big business in the 1830's, as were colonization efforts, many of which ended in failure. The Texas map is a drawing from the era when topography was determined by foot. Part of the University of Houston Libraries' newly acquired Candler Collection of Texana, the open volume is David Woodman Jr.'s "Guide to Texas Emigrants", printed in Boston by Mr. Hawes in 1835.

"I am now in the United States for the second time within three years. I return for the purpose of founding a colony of European emigrants."

So begins the Chronicle of disenchanted efforts to transplant a French socialist community to Texas by Victor Considerant, author of "European Colonization in Texas: An Address to the American People," and the three-volume French work "Au Texas".

Considerant founded in 1855 the community of La Renunion. Composed primarily of Parisian liberals, the settlement flowered briefly in the wind and intense heat of what is not Dallas County, then succumbed to bankruptcy and the relentless torture of the land. Most of the community returned to France within two years.

Considerant was one of many Europeans and Americans who, during the 1830's and 1840's found their enthusiasm for the land, climate and inhabitants of Texas to be magnetic. Their carefully cataloged findings are rich in descriptions of early Texas travels, perilous Indian territory, topographical narration and maps, and the noise and confusion of colonization efforts.

Their works form the corpus of the University of Houston Libraries' newly acquired Text of the late Patrick H. Candler, a noted Dallas lawyer.

The 1,500 - volume collection includes such landmark tomes as George W. Bonnell's "Topographical Description of Texas. To Which is Added, An Account of the Indian Tribes." Written in 1840, "Topographical"

was the first book published in Austin and was printed by Clark, Wing and Brown.

Among writers who thrived on the excitement of nascent Texas was Arthur Ikin, who in 1841 wrote "Texas, Its History, Topography, Agriculture, Commerce and General Statistics." Included in the collection, the volume is valued in excess of \$700.

Also acquired were seven mint condition volumes published in the 1930's by the Book Club of Texas, then located in Dallas. Printed in limited editions of 200, the set includes a first edition of William Faulkner's work "Miss Zilphia Gant."

The Candler Collection is the most recent addition to the W. B. Bates Collection of Texana and Western Americana and was one of the most important Texana resources remaining in private hands. A native Texan, Candler was a lifelong bibliophile whose gourmet taste in collecting reflected his deep love for and loyalty to his state.

Purchase of the volumes was made possible, in part, by a generous gift from the Clayton Foundation for Research. The volumes now reside in the Rare Books Room on the 8th floor of the M. D. Anderson Memorial Library, where they will be available for research in Texas history at the University.

Dr. Edward G. Holley, director of libraries, noted that the library plans to publish a catalog of the travel books in the Bates Collection to make its scholarly resources better known.

## Search begun for life clue on other planets

When the first visitor from Earth sets foot on a planet billions of miles from his home, one of the vital questions on his mind, and on the minds of the many scientists who have contributed to making his voyage possible, will be whether or not he will encounter other forms of life.

It may be possible for scientists to determine the shape and form of plant and animal life on a visited planet - when it existed or will develop - or even what life on Earth will be like in one million A.D., according to Dr. Ralph Becker, University of Houston professor of chemistry.

These and many other related questions are part of research currently being conducted on the University campus by Dr. Becker. The project, "Spectroscopic and photochemical Study of the Photochromic Compounds," is supported by a National Aeronautics and Space Administration grant of \$50,000.

Applications of Dr. Becker's research are numerous, but all grow out of a branch of chemical science known as photochemistry.

Since some of the compounds which Dr. Becker is investigating occur in nature, such photochromic reactions have many important possibilities in understanding the evolution of life.

One type of compound classified as chromenes recently has been isolated from plants and is widely distributed in leaves, roots, bark and seeds. Since chromenes are basic to plant life now, scientists reason that they can trace the genesis of the compound by carefully re-creating conditions similar to those known to have prevailed on primordial Earth.

It is generally held that the amount of light hitting the primitive Earth was much greater than it is today and that many chemical reactions were initiated by this energetic radiation from the sun. As life evolved

to more complex forms, some chemical compounds were favored over others as being more life-giving and sustaining than others.

Working from a known position in the development of chromenes, Dr. Becker is subjecting small amounts of them to short bursts of laser beam - bursts as small as one 500 millionth of a second in duration. Each burst is designed to affect a change sufficiently minute and simple to enable the step-wise plotting of its evolution.

When the present state of the molecule is achieved, it could be possible for scientists to reverse the reaction to the most primitive ancestor of the modern molecule, according to Dr. Becker. In effect, they will be compressing the time schedule into a span readily understandable to man.

Largely resulting from the pioneering efforts of Dr. Richard I. Evans, a UH psychology professor, dental patients may look forward to a day when they can face the prospect of extensive dental treatment without terror.

This was the hope of Dr. Evans when, in 1964, he received a National Institute of Dental Research grant to prepare graduate students in behavioral science for research and teaching positions in the nation's leading dental institutions.

The dream was furthered this year with the announcement from NIDR that a new five-year \$289,784 grant was being awarded the University for continuation of the program.

Dr. Evans first became interested in the much neglected area of research into the patient-dentist relationship while serving as a part-time consultant at the University of Texas Dental Branch. He noted that the distressing anxiety of the patient often made follow-up treatment by the dentist ineffective, and that the pain and discomfort of patients during actual treatment was caused more by their fears than by the influence of treatment.

Under funding from NIDR, Dr. Evans and seven research Fellows investigated the problem in a unique program designed to educate the students both to the specific situation of dentistry and the broad field of behavioral sciences. And their efforts disclosed some awesome truths.

## Program pioneers search for dental 'phobocide'

In the area of pain alone, findings indicate that much of a patient's pain can be alleviated by using psychological measures to combat fear. In the area of child dentistry or pedodontia — treatment of children four to five years of age — it was found that the treatment situation was improved by correcting the attitudes of the mother so that her fear of treatment was not translated to the child.

Hardly less important was the problem of convincing the patient to follow certain instructions such as regular brushing of his teeth, certain kinds of gum massages, and care of prosthetic appliances introduced into the patient's mouth.

Application of their research techniques improves area of public health measures outside the limits of dentistry as well. One can visualize the immediacy of convincing the public of the dangers in marijuana or cigarette smoking, drug abuse, venereal disease, and even the deadly combination of drinking and driving. The needs are endless.

The first NIDR grant-supported Fellows, five accepted as pre-doctoral and two as post-doctoral, completed their training under Dr. Evans' program this year. They left UH to accept positions in dental institutions, mental hospitals, research institutes for mental sciences and academic institutions across the nation, where they will continue to serve the deepest ideals of humanity through science.

This year the program will be continued with a new group of Fellows, again five pre-doctoral and two post-doctoral. They will participate in an intensively selective program that combines the most proved curriculum of the behavioral sciences as well as seminars specially designed to stress investigation into the dental treatment area.

During the training period, special seminars and symposia will be scheduled to include participants of psychology department faculty members, trainees, members of the dental school faculty, and highly productive psychological researchers from other institutions. Last year's symposia include an examination into human fear, and plans are underway for a coming symposium on human persuasion.

Another vital outcome of the program is the UH Institute on Behavioral Science in Dental Research now underway. Directed by Dr. Evans, dental students are being exposed to the outcome of the psychology department's research. Again, plans are being made for a similar and larger institute next summer.

As the research findings are disseminated, the day free of fear looms closer.

## Behavioral sciences may contain key to problem of pain



Shasta experiences bad week . . .

A bad week for the UH cougar mascot, Shasta, ended July 18. Sunday evening, July 13 she gave birth to a kitten, experiencing some difficulties which required the attendance of a veterinarian. Later that week, Shasta, reflecting the temperament of a new mother slightly injured a two-year old child who approached her while she was temporarily chained outside her cage. Friday morning, she and a host of University friends learned that her new off-spring died Thursday night.



Fearless dentistry . . .

Seeking a psychological phobocide — Dr. Richard I. Evans, in the seminar room, his lecture is animated and intense as he discusses investigative findings with current psychology research assistants. Here UH professor of psychology is pioneering the field of combatting patients' fear during dental treatment much as dentists themselves pioneered the field of anaesthetics.

## Home hunter forecast bright in UH architect's home

In a time scarred by skyrocketing expenses in all sectors of the economy, it is hardly surprising that the prospective home builder or buyer has the blues — housing costs have soared. Does the middle-income family have a chance to build a home, or even buy one and face the plight of renovation expenses?

Yes, says UH Professor of architecture John Zemanek, whose recently completed home is resounding testimony both to the success of his planning and to his thrift.

Cited in the June Issue of "Progressive Architecture" as a home incorporating "recent ideas in construction systems that may advance the production of mass housing," Zemanek's residence just may provide the clue to economic housing without sacrificing quality — a most pressing residential quandary.

In planning his home, Zemanek drew heavily from the "timeless" qualities much admired in rural sheds and barns. Accordingly, low-cost materials such as a corrugated metal roof, asbestos cement exterior walls, particleboard interior walls and fir plywood floors formed the nucleus of construction materials. Coated with four levels of plastic varnish, the floors are the only finished surface in the house.

But the really cost-cutting device in the home was the system of construction; Zemanek relied on the

natural materials themselves for the beauty of the home — and for its functionality.

Finish carpenters alone worked on the house, and their work was exacting. Special care was taken to coordinate the rough materials, and they did all the work except plumbing and electrical installation.

The resulting breakdown of expenses attributed two thirds of the home's cost to labor, as compared to the usual 50-50 ratio of labor and material.

Nestled in a neighborhood that hasn't seen the advent of a new home in the past 20 to 30 years, Zemanek's finished project has an obviously modern, yet unfussy appearance. Even the furniture is in concert with the structure, which Zemanek describes as "pretty much early office."

The house hunter with a taste for suburban brick-a-brac may not be heartened by Zemanek's planned simplicity, but those with similar preferences — and some gloomy experience with the buyer's market of today — just may feel a spark of home.

# alumni today



Palmer



Hostetter



Tilley



G. Taylor



Pugh



Arsenault



Bengé



Forson



Boston



Busch



Gee



Miller



Tiffany



Rivera



R. Taylor



Strelau

1942

MRS. MARY T. RODRIGUE, BA '42 has been named medical technologist of the year by Illinois Medical Technologists association. She is currently executive secretary of the association.

1950

KENNETH PALMER, BSME '50, has been named Tulsa District Manager for Houston based Tex-Tube Division. He was recently Houston Sales Representative.

U. S. Air Force Lt. Col. JEAN A. KEARBY, BS '50 has been decorated with three awards of the Distinguished Flying Cross and the Air Medal for air action in Southeast Asia. He is now executive officer in a unit of the Pacific Air Force.

ROBERT F. WEBB, BBA '50 has been promoted to branch manager of the Van Nuys (Calif.) Branch Office of the Defense Contract Audit Agency. He also teaches part-time at California Lutheran College.

ASHLEY HOSTETTER, BFA '50, has recently joined Hearn Lithographing as Vice President and Sales Manager.

WALTER S. TILLEY, BBA '51, has been named Office Manager at Matador Chemical Company Inc.

1952

RUSSELL MURPHY, BS '52, has been named casualty underwriter in the Houston Office of Atlantic Companies. He joined the company in January 1968 as a trainee.

1953

U. S. Air Force Lt. Col. HAROLD R. JUNKER, BA '53, is commander of the 46th Air Defense Missile Squadron at McGuire AFB, N.J. His unit was cited for outstanding achievements in missile safety during the past year.

HONORABLE HOWARD POLLOCK, LLB '53, was elected for the second term as congressman for the State of Alaska.

1954

GEORGE A. TAYLOR BS & MA '54, has filled the position of Director of Employee Relations for Ogden Metals, Inc.

1955

A. EARL LUETGE, BA '55, is now Vice President and Director of Fields Sales, Drackett Products Company. He joined the company in 1966.

MRS. ROBERT O. PUGH, BS & ME '55, received the Valley Forge Teacher's Medal for Outstanding accomplishment.

1956

ANTHONY J. P. FARRIS, LLB '56, was appointed United States Attorney for the Southern District of Texas in February.

C. M. ROBINSON III, BBA '56, has been appointed general accountant for the Industrial Chemical Division of PPG Industries. He will be responsible for accounting procedures and systems within the division.

1957

MAJOR FRANKLIN D. FITTE, BS '57, has been selected to attend the Air University academic instructor course at Maxwell, AFB, Ala.

DONALD H. ARSENAULT, BAS '57, has been appointed by Airtemp Division, Chrysler Corporation, as Manager of its Boston, Massachusetts branch.

1958

LEROY SHERRER, BS '58, is an engineer at Kennedy Space Center, Fla. He was recently assigned to the Apollo flight.

ALBERT F. BASS, BS '58, is a senior Consultant for the National Economic Research Associates, Inc.

LEON L. RAMSEY, BBA '58 has been appointed to the Memphis, Tenn., sales branch of Owens-Corning Fiberglas Corporation. He is a sales representative in Owens-Corning's Home Building Products Division.

1959

CHESTER B. BERGE, JR., BBA '59 has been elected Vice President and General Manager of Big "G" Drilling Company.

1960

BILLY R. BRUEGGMAN, BBA '60 joined the Rohm and Haas Company in 1956 where he has been promoted to purchasing supervisor.

HONORABLE HART T. MANKIN, LLB '60, has recently been appointed General Counsel for the General Services Administration in Washington.

WILLIAM R. JOHNSON, BA & MA '60, was named Associate Dean of the School of Arts and Sciences at Texas Tech.

FRED J. NEWTON, BBA '60, has been elected a member of the Board of Directors of the San Fernando Valley Chapter of the National Association of Accountants. He is auditor - in - charge of the Defense Contract Audit Agency Office at ITT Gilfillan, Inc., Calif.

1961

U. S. Air Force Staff Sergeant CHARLES F. DAVIS BBA '61, is a member of the Aerospace Defense Command's 28th Air Division that won the General Fredric H. Smith Trophy for best ground defense unit within the command.

NORMAN R. FORSON, BA '61, joined G & W Inc. in 1965. He was elected Vice President of the diversified, multi-industry company.

1962

KIRBY L. BOSTON, BSChE '62, has been elected as Editor-In-Chief of the University of Toledo Law Review.

1963

CHARLES D. ROXBURGH, BS & MS '63 has been appointed district engineering manager at Humble Oil and Refining Company's Kingsville District Organization.

JOHNNY C. HARPER, BS '63, an engineer at Kennedy Space Center, Fla. has been assigned to Spacecraft Operations Directorate.

Doctor (Captain) MARION V. FILIPPONE, BS '63, is now serving in Vietnam as a member of the Pacific Air Forces.

JAYE C. JARRETT, MA '63, has been appointed representative for Machinery Sales and Service for U. S. Steel's Oilwell Division in Louisiana.

1964

CHARLES R. JOHNSON BS '64, has been appointed as Sales Engineer for the Marine System Division of Wilson Industries, Inc.

WILLIAM K. GRASTY, BA & MA '64, is author of "Introduction to Basic Speech", the Glencoe Press Book.

1965

MARY T. NEWMAN, MA '65, is the author of "Introduction to Basic Speech", the Glencoe Press Book.

U. S. Air Force First Lt. PHILIP M. POND, BA '65, is a base civil engineer in Vietnam and has received the Purple Heart.

1966

CARL W. BUSCH, BA '66, has joined the firm of Merrill, Lynch, Pierce, Fenner, and Smith, as an Account Executive Trainee.

WILLIAM M. KNOWLES, JR., BBA '66, has been promoted to Army Captain in Vietnam. He has received the Army commendation Medal.

RONALD O. JONES, BA '66, has been promoted to Captain. He was also awarded two silver stars for action in Vietnam.

1967

Army Specialist Four RONALD J. WESLEY, BBA '67, is a budget and accounting clerk with Headquarters Company of the U. S. Army Arctic Test Center.

Second Lt. THOMAS W. GEE, JR., BBA '67 has been awarded U. S. Air Force Silver Pilot wings. Following training he will be assigned to Vietnam.

LAWRENCE RAY WHEELER, BA & MA '67, has been appointed assistant professor of the Department of Speech at Illinois State University.

GEORGE HOOPER BA & MS '67, has accepted a position as athletic director and head football coach of the Anson, Texas high school.

1968

JAMES W. PRATT BA & MA '68, is one of five candidates for the doctor of business administration degrees at the University of Southern California. He is a Certified Public Accountant.

Second Lt. TIM B. WRIGHT BS '68, has just completed a 16-week helicopter pilot course at the Army Primary Helicopter School, Ft. Wolters, Tex.

Airman NICHOLAS L. MILLER, BBA '68, has been assigned to Lowry AFB, Col. for training in the supply field.

GORDON D. TIFFANY, BA '68 had been commissioned a second lieutenant in the U. S. Air Force at Lackland AFB.

Airman JOHNNIE RIVERA, BA '68, after completion of basic training has been assigned to Keesler AFB for training as a personnel specialist.

TOMMY W. WOLIVER, BS '68, will be trained in the administrative field for duty with the Air Force Communications Service in Westover AFB, Mass.

RICHARD H. SURLLES, LLB '68, has accepted the appointment of law librarian and assistant professor of law at the University of Denver.

1969

ROBERT I. TAYLOR III, BBA '69 has been commissioned a second lieutenant in the U. S. Air Force at Lackland AFB, Tex.

LAWRENCE H. STRELAU, BBA '69, has been commissioned a second lieutenant in the U. S. Air Force at Lackland AFB, Tex.

DAVID G. ROEBER, BS '69, has been commissioned a second lieutenant in the U. S. Air Force at Lackland, AFB, Tex.

JAMES H. LEWIS, BBA '69, has been assigned to Sheppard AFB, Tex. for training in accounting and finance.

# Spring calamity—most not newsmakers

While the spring news headlines and bulletins suggest calamity at the University of Houston, more than 98 percent of the student body continued their educational programs only slightly inconvenienced by the disruptions.

The vast majority of the students continued to attend classes being taught by some 1,300 full- and part-time professors — and, on May 31, the University graduated more than 2,300 students in the largest graduating class of its history.

Yet the vast majority — in this instance, some 23,000 students — were not the headline makers. Philosophically, many editors concede that such is the business of news.

The series of events on the UH campus this spring making headlines

were not unlike confrontations taking place at most major college and university campuses across the nation.

It all began early in the term. Members of the Afro-Americans for Black Liberation (AABL), A Black Student organization presented "10 Demands" to President Philip G. Hoffman.

Later, a major disturbance involving a number of UH students took place in the Cougar Den and the University Bookstore, both located in the new University Center. As the hubbub settled and the headlines roared, some \$2,000 in damages was estimated as done to the facility.

Misdemeanor charges were brought later against 11 students and three non-students in connection with the disturbance. These cases are now pending.

Very active during the term was

a campus chapter of the Students for a Democratic Society (SDS). The SDS invited Mark Rudd, one of its national leaders, to speak on campus. Because of the unsettled conditions on campus at the time, University officials requested that Rudd's scheduled appearance be cancelled.

Rudd defied the University's request and spoke; thus, the University sought, and received, a temporary restraining order against his appearance.

The University made headlines again when a part-time instructor, Mrs. Charlotte Phelps, was charged with conducting an armed robbery of a liquor store with the assistance of two former UH students. The robbery allegedly was conducted to obtain funds for some type of "revolutionary activities". Mrs. Phelps, whose contract had not been renewed,

was immediately suspended.

Both the campus and the Houston communities were shocked in late spring by the announcement of the Harris County Grand Jury that a major investigation of alleged "illegal and immoral activities" on the part of individuals connected with the University would be undertaken.

Various reports and rumors were bandied about by the news media and word-of-mouth. After several weeks in investigations and the granting of a 30-day extension to the Grand Jury, the inquiry suddenly ended without the return of any indictments.

In the interim, however, the University had received and accepted the resignation of one professor and suspended one of its staff members pending a hearing and a final decision by President Hoffman and the Board of Regents.

## Space research consortium begun

UH has been named a member institution of a newly established national consortium to be called the Universities Space Research Association (USRA), consisting of 48 universities which will foster cooperation for the advancement of space research among universities, other research organizations, and the U. S. government.

Dr. John C. Allred, professor of physics at UH, has been appointed secretary of Region VII of USRA.

Member universities of Region VII include Florida State University, Georgia Institute of Technology, Rice University, Texas A&M University, University of Texas, Austin, and UH.

In order to represent national academic space science interests, the member universities of USRA are divided into nine regional groups of institutions, containing approximately equal numbers of members. Each region appoints its own secretary to assist with the administrative tasks of the region.

USRA expects to acquire, plan, construct and operate laboratories and other facilities for research, development, and education associated with space science and technology. The consortium has submitted a proposal to NASA for the management of the Lunar Science Institute in Houston, now under the direction of the National Academy of Sciences.

The Lunar Science Institute is designed to provide conference and study facilities for university scientists visiting Houston to work on lunar materials brought back by Apollo astronauts, in addition to other aspects of lunar science.

The scientific facilities of the Manned Spacecraft Center, including the Lunar Receiving Laboratory, will be available on a cooperative basis for Institute scientists to use for their research.



Dialogue. . . .

Van Ness interviews Hoffman

## What effects did Spring leave behind?

What effects have the series of events of the spring semester had on the University of Houston? Like so many other frequently posed questions, there is much speculation but, more than likely, there will be no answer.

The dialogue that developed between the University President and the Alumni Federation President revealed an intensive effort by Dr. Hoffman and his staff to investigate all reports of incidents and to examine all the issues from every possible viewpoint.

Furthermore, there was revealed a great concern by the University President's Office for the rights and dignity of the individual but, at the same time, a pledge to

prevent disruption of the University environment and a firm stand to have the law upheld.

Many expressions supporting Dr. Hoffman's statements and actions have come to this office from alumni, students and faculty. In comparison, few adverse comments have been received.

Despite the unfortunate events of the spring, responses by business, industry and professions to the Annual Excellence Campaign have been greater than ever before and are indicative of the continued great respect by these groups for the University of Houston and the esteem for its leadership.

Had there been a choice in these incidents, certainly no one would have chosen any of them, much less the whole lot. However, as a result of the superb handling of difficult and distasteful matters, I believe there exists a stronger and more cohesive student body, faculty and Alumni Federation.

John Van Ness

## Teacher institute supported by Office of Education grant

A \$148,130 grant from the U. S. Office of Education has been awarded to the University to fund an Experienced Teacher Institute in Mathematics and Science for Elementary Teachers for Disadvantaged Children.

Dr. John L. Creswell, associate pro-

### Asian Studies institute stresses current trends

Graduate-level students of UH will have the opportunity to participate in an intensive workshop on Asian Studies during the second summer term.

Jointly sponsored by the College of Education department of curriculum and instruction and the Office of International Affairs, the workshop is directed by Dr. Carl Schomburg, co-ordinator of elementary education, and Dr. John Bishop, associate professor of curriculum and instruction.

Under supervision of directors, students will participate in two phases of the program: emphasis on newest trends in social studies education and emphasis on the various specific areas of the social studies education and emphasis on the various specific areas of the social sciences related to Asia. The former phase is coordinated by Drs. Schomburg and Bishop and the later phase by the Office of International Affairs and various experts on Asia.

fessor of curriculum and instruction and project director, has announced that 12 Houston - area educators teaching in culturally deprived areas have been selected and have begun the first phase of their training in the current summer session.

Participants also will enroll full time during the fall and spring semesters of the 1969 to 1970 academic year, terminating their 42 semester credit hours at the end of the first six-week summer session of 1970.

One unique feature of the project is to replace the 12 experienced teachers by 12 beginning teachers from the spring and summer 1969 graduating classes of the University. As part of their program, the replacement teachers will enroll in three courses with the 12 participants.

A cooperative effort between the University and the Houston Independent School District, the program is designed to enhance the elementary teachers' competence in teaching mathematics and science to disadvantaged children. The participants will be enrolled for 12 semester hours of mathematics and/or science and each will be enrolled en bloc for thirty semester hours of courses designed to meet their particular needs, according to Dr. Creswell.

During the academic year, participants will be placed in selected classrooms of the fourth, fifth and sixth grades of two elementary schools that will be developed into laboratory or demonstration classrooms.

## Memorial fund founded for Dr. Bacarisse

A memorial scholarship fund in honor of Dr. Charles Bacarisse and for the benefit of his five-year-old-son, Charles Edward, has been set up by a number of friends of the late professor of history.

Those wishing to join in establishing the memorial fund may do so by sending their contributions to the department of history, with checks made payable to the Charles Bacarisse Memorial Fund. Contributions to the fund will be accepted through November, at which time all donors will receive a statement of the total amount collected. The family will be notified of all donors.

The committee administering the fund includes Dr. Stanley E. Siegel, professor of history, Dr. Max Carman, professor of geology, and Dr. James A. Tinsley, associate dean of the College of Arts & Sciences.

Dr. Bacarisse drowned June 22 in a boating accident in Galveston Bay. He joined the faculty at the University in 1956 as an assistant professor of history, and was an active contributor to historical journals and associations.

## AF to sell class rings

Effective September 1, 1969, the Alumni Federation will be the official sales outlet for the class rings. Any orders or inquiries concerning class rings should be directed to the Alumni Federation, University of Houston, 3801 Cullen Blvd., Houston, Texas 77004, (Phone 748-6600, Ext. 242).

# What Is The Purpose Of The University Of Houston

The President's Fund in the University of Houston Foundation has been created to be the depository for alumni gifts and designated for the use of the President of the University, Dr. Philip G. Hoffman. These funds will be used by President Hoffman to meet needs and emergencies as they arise. In a university the size and magnitude of the University of Houston, you can imagine the pressing demands the President must face.

Only too often, there are not budgets to meet urgent requests. The State does not provide funds for many vital areas necessary for a quality university of the first order. No funds are provided for such items as:

1. Insurance for the University buildings;
2. Faculty recruiting;
3. Lectureships and seminars;
4. Many items of equipment.
5. Aid to outstanding students

The 1968 University of Houston Excellence Campaign provided \$1,045,000 for the advancement of the University of Houston. Unfortunately, of this amount, only \$190,341 were free funds not restricted to some specific area or use. Of this \$190,341, \$160,000 was needed just to balance the University budget for the year. This left very little for President Hoffman to meet daily emergencies and priority requests.

## You Contribute To:

**YOURSELF**, as a citizen and as a human being and as an alumnus; your help assists each former graduate by the maintenance of consistently high levels of accomplishment which reflect upon students past, present, and future.

**YOUR FAMILY** -- each of us with sons and daughters wants to offer them the best university education possible in Houston, if they desire it.

**YOUR COMPANY** by assuring the priceless element, the qualified personnel it requires.

**YOUR COMMUNITY** by helping to prepare and educate professionals for community service and providing faculty consultations and research in helping the community to solve its problems.

## What Does It Mean

## To Invest In

## The President's Fund?

1. It means that you share the responsibility and worries of President Hoffman. This sharing is a source of great encouragement to him and to the faculty.

2. It means that you help young men and women prepare for full participation in life's stream of today's, and more important, tomorrow's world.

3. You help industry to meet ever-increasing requirements for highly trained people -- meeting future demands which can only be anticipated but not known.

4. You help prepare professional people for lives of service to all men.

5. You contribute to the development of art, drama, and music, the understanding of heritage and culture, and appreciation of all of the human values.

In short, your financial support provides extra dimensions to the total experience of 24,000 men and women at the University of Houston.

# Foundation's President's Fund, The Annual Alumni Fund?



Each contributor to the 1969 President's Fund campaign will receive a full color, 10 x 14 reproduction of this recent aerial photograph of the University campus.

## University Of Houston:

### A Major University

A. Established in 1934, growth in the last ten years has been tremendous.

B. The University now has a \$50 million physical plant and is in the midst of a \$40 million building program and an estimated additional \$22 million in other facilities are in advanced planning stages.

C. Some 24,000 students now attend the University of Houston and its ten Colleges and Schools.

D. Standards of admission now rank among the highest in the Southwest.

D. Many Departments are nationally recognized as outstanding in their fields.

F. The full-time faculty now number over 675 and the University is continuously seeking to attract outstanding educators.

G. The University contributes better than \$4 million to the economy of Harris County MONTHLY.

Although the University is State assisted, there are many areas for which State money is not appropriated. The President's Fund looks to the alumni of the University to fill the gap and provide funds for such items as faculty recruiting, special items of equipment, insure

## THE PRESIDENT'S FUND UNIVERSITY OF HOUSTON FOUNDATION

University of Houston  
Houston, Texas

Yes, I do want to help build the President's Fund to help Dr. Hoffman recruit outstanding faculty, provide student aid, and purchase items of equipment not provided by State funds.

My gift of  \$1,000  \$500  \$250  \$100  
 \$50  \$25  Other

is  enclosed / Bill me

Date(s) \_\_\_\_\_

Yes, please send my 1969 10 x 14 color print of the University of Houston suitable for framing.

Signature \_\_\_\_\_

Please make checks payable to the President's Fund, University of Houston Foundation. Gifts are deductible for Federal income tax purposes.



# Dean Howsam gives alumni College of Education report

Alumni would have to return to the campus frequently to keep up with everything that is going on these days. Alumni of the College of Education would be particularly pleased with what the University is doing for its Education programs and, we hope, with what the College is doing with its enlarged opportunities. The following is an attempt to provide at least a brief report on SOME of the more important developments.

## BUILDINGS FOR THE COLLEGE

Work has resumed on the two new buildings which are to house the College of Education and its activities. It was painful to look out every morning for eighty days during the Houston area ironworkers strike and see no action. Despite delays, however, we are well on the way to having new facilities for almost all the faculty and programs of the College.

### Health and Physical Education

Men's Health and Physical Education are now within a few months of moving into their fine new facilities which are on the same site as the Athletic Department offices and next door to the huge Field House which also is nearing completion. Under construction on this same site also are the indoor swimming pool and the home for the Women's H.P.E. When completed, this complex will provide accommodations for existing programs and permit expansion into new areas of endeavor including research.

### College of Education Building

The exciting new College of Education Building is taking shape on the Quad. Built in the shape of a Greek Cross, it will be one of the most modern education buildings in the nation. Unusual features will include the use of large open spaces, a learning resources center for a multi-media approach to individualized instruction, a number of smaller spaces for laboratory approaches to teacher-behavior learning, and an amphitheatre-type conference room with a capacity of 300 people. The entire structure is designed for maximum flexibility; informality of atmosphere will be emphasized.

More exciting than the structure itself, however, are the teacher education concepts and programs upon which the design was based. In the first place, it was decided that teachers-in-preparation should, during their training, experience as well as learn about the most promising approaches which are developing in elementary and secondary schools across the nation. Thus the College of Education building and program should be oriented towards best practices in the profession. The learning resources center, plans to individualize, laboratories for learning new approaches in new ways, and the use of open spaces instead of closed classrooms represent this approach.

The design for teacher education programs for the new building proceeds from the assumption that university teacher education is a major component of the process of fashioning professional teachers (the total process being the means by which lay citizens are changed from being "lay" to being "professional"). The professional is seen as being characterized by:

1. A body of knowledge essential to the practice of the profession
2. A repertoire of the skills and behaviors used by the professionals
3. A commitment to the profession

With modern insights into learning and motivation and with the aid of ever increasingly available materials and technology, individualization of instruction becomes possible. In this process the learning resources center for individualization of the learning of the "body of knowledge" aspect of the preparation program.

Developing skills and modifying lay behaviors and responses in people is difficult. Accomplishing this in teacher education has been a serious "hang-up" in the past. The proposed program - already being implemented in pilot and development projects - uses the basic device of the behavior modification laboratory for this purpose. Seminar-size groups - using a systems approach of objectives; identification of and learning about desired behavior; practice; assessments of results; feedback; and successive attempts to approximate the desired goal - will use a variety of approaches such as microteaching and interaction analysis to bring about the teaching styles desired by the individual. Video-taping will be a central feature of the feedback processes.

The entire building will be carpeted, the purpose being to control sound while at the same time creating a comfortable environment. Furnishings for the building will emphasize versatility and flexibility as well as informality.

## FACULTY

The faculty of the College is growing in numbers as the programs expand and change. This fall the faculty will increase by about 15 to a total of nearly 100. New appointments come from institutions all over the nation; this year two will come from Canada. They represent a wide range of areas and special competencies.

Supplementing faculty efforts and enriching the quality of the graduate programs is a steadily growing group of full-time graduate students with teaching fellowships of graduate assistantships. At least 60 of these are expected for the fall of 1969.

## SPECIAL PROJECTS

Characteristic of the development of the College are its special projects, some of which are designed to develop programs for the new buildings. The following examples are representative of these efforts.

### High School Equivalency Program (HEP)

A newcomer to the scene as of June 1, 1969, is the HEP project. Under a grant of more than a quarter million dollars from the Office of Economic Opportunity, up to 50 high school dropouts, ages 17 to 22, from poor migrant families are involved in a program to enable them to meet high school equivalency requirements (G.E.D.) and move on to opportunities in employment or further education. The students are living on campus and participating in campus life while pursuing their programs. The project, which was set up by Dr. V.J. Kennedy, provides counsellors, instructors, and tutors for the students and it underwrites all costs to the student. Engaged as director is Mr. Jose V. Sanchez. The HEP project is viewed as providing the College with a valuable education laboratory as well as of rendering a needed service to education.

### Tutorial Programs

Students in methods courses are having tutorial experiences with individual learners at the same time as they are studying the methods of teaching the subject. Public school pupils with problems in the subjects are tutored by the teacher education students.

### Experimental Internship Program

Dr. Austin has been conducting an experimental teacher internship program in the Cypress-Fairbanks district. For graduate teacher education students, the program involves a two-year program

of study and paid internship. The interns are in charge of a class for each of the two years and are paid at 2/3 and 3/4 or the normal pay rates for teachers. A teacher is released full-time to work with the six interns and there is a full-time University of Houston staff member. Interns have study programs in the summer sessions and in the evening program.

### Cooperative Education Program

In 1968 - 9 the College of Education participated for the first time in the University's Cooperative Education Program. This is a work-study approach to undergraduate teacher education with the students serving as teacher aides during the co-op phase of the program. All concerned have expressed great satisfaction with the program.

### In-Service Program for Cooperating Teachers

Dr. Ray Musgraves and Mrs. Audrey Graves have been collaborating with the Spring Branch School District in a program designed to involve cooperating teachers more significantly in the student teaching program and to make the contribution which they make more effective. Twenty teachers and 20 student teachers have participated in 12 seminar-workshop sessions and in supervisory activities related to the program. Video taping of the student teacher and team approaches to professional development through its use has been a central feature of the program. Administrative personnel from the district and the university have participated as observers. The teachers received in-service credit for participation.

### Using Laboratory Approaches

Over the past two years there has been a steady increase in the use of video-taping and other laboratory approaches to both teacher preparation and to the preparation of counsellors. The College now has seven complete sets of video-taping equipment. A media laboratory has been established under the coordination of Dr. Irving Miller. An attempt is made to have each student video-taped at least once.

### Special Education Clinic

In preparation for the clinical education center of the new building a clinic has been established in a seven room house on the edge of campus. Cases are referred to the center and assessments and treatments conducted as part of the education of graduate students in special education. Dr. John Carter is in charge.

### Block Programs

Large group - small group block-of-time approaches are being used in lieu of the traditional single course - single instructor method in the introductory teacher education courses. Several professors and graduate teaching fellows are assigned to the blocks in both the introduction to teaching and foundations of education areas.

### Faculty In-Service Education

Planning for the new buildings and programs has been an in-service exercise in itself. The new approaches make new demands on faculty. As a partial answer to this the faculty - mostly from the Curriculum and Instruction Department - have conducted two in-service workshops for themselves. The first had Dr. John Hough from Syracuse University aiding the faculty in writing objectives in behavioral terms. The second was concerned with improving our own instruction; two consultants from CERLI (Cooperative Education

Research Laboratory, Incorporated) in Illinois worked afternoons with the faculty group for three weeks. This project was financed by Kappa Delta Pi.

## AN INVITATION AND A REMINDER

The homecoming of 1970 and of 1971 will be important ones for the College of Education. In 1970 Health and Physical Education will be displaying their new home. In 1971 the College of Education Building should have had its "shake-down" and be in full use. Come "home" anytime but be sure to come in '70 and '71.

## UH receives AEC grant

A UH research team has received a \$46,000 grant from the Atomic Energy Commission for the study "Radiolysis of Gases with High Energy Electrons and Fission Fragments."

The principal investigator is Dr. Gerhard G. Meisels, Associate professor of chemistry, who will be assisted by Dr. Yuksel Inel, post-doctoral chemistry major.

Concerning the chemical use of fission recoil energy - a type of reaction energy initiated during the nuclear bombardment of particles - the research may yield valuable scientific information on the potential of chemical reactors for direct chemonuclear processing.

The fissioning of heavy uranium or plutonium nuclei in a nuclear is one of the least expensive forms of producing energy now known. To date, the only manner in which this energy has been gainfully used is through its conversion to heat, which in turn is used to provide electrical power. Because this procedure is inefficient, only about a third or less of the energy actually results in electrical power.

The cost of energy used to initiate chemical reactions could be reduced by half if the investigation develops a practical use for the process, according to the investigators.

## Willcott heads molecule study

UH has been awarded a \$25,800 grant to investigate the research project "Thermal Rearrangements of Pinene and Bornadiene."

The project is under the director of Dr. M. Robert Willcott, associate professor of chemistry.

The fundamental behavior of selected small hydrocarbon molecules, the details of their structural composition and the predictable manner in which they undergo transformation are being investigated by the researcher.

New methods of synthesizing the small hydrocarbon molecules will be developed and the compounds formed will be analyzed with such sensitive techniques as nuclear magnetic resonance spectroscopy and high-speed digital computers.

# Literate Literates theme of conference

If a motorist drove past a highway sign at 150 miles per hour, how many times would he have to pass that sign before he would understand what he had been seeing?

The problem points to the increasing complexity of the age of speedreading.

Accordingly, some of the state's leading educators met at the UH July 22 through July 24 to participate in an intensive examination of the vanishing literate and to develop methods of developing a new breed of readers who can keep pace with the rapid-

ly accumulating body of knowledge in both technical and humanitarian fields.

"Developing Literate Literates" was the theme of the three day conference which was held in University Center and the Ezekiel Cullen Auditorium. The conference was sponsored by the Texas Association for the Improvement of Reading.

Major study conferences included the following:

\* "Developing Literates," Dr. Bill Martin, Jr., representative of Holt, Rinehart

and Winston, noted specialist in reading and innovative author who has incorporated the most recent advances in linguistics and knowledge of the reading process.

\* "Critical Reading," Dr. Charlotte Huck, Ohio, State University, participant in a government project on critical reading who has contributed to procedures promoting critical reading ability.

\* "Linguistics and Reading," Dr. Kenneth Goodman, Wayne State University, specialist in the relationships between linguistics and reading and researcher in the field of reading instruction with relation to the disadvantaged child.

\* "The Disabled Reader," Elizabeth Orr, Houston Independent School District, experienced classroom teacher and supervisor of reading clinics.

The conference also included addresses by leading consultants in the field of reading and panel presentations of conference results.

Coordinating local arrangements was Dr. Carl Schomburg, co-ordinator of elementary education at the University of Houston.

## Red and White flights set

Charter flights to all of UH's 1969 road football games will be available to UH alumni through the Campus Activities Office.

The cost of each trip includes: air transportation, snacks, two abreast seating, informal flight luncheon, 50-yard line seats, ground transportation, beverages and pom pom shakers.

Those purchasing or reserving tickets for all five games are entitled to first option on bowl game tickets and a flight pending an invitation. Payment in full for all five games also entitles one to a five percent quantity/cash discount.

The dates and cost of the trips are as follows: Florida, Sept. 20, \$91.00; Oklahoma State, Sept. 27, \$56.00; Arizona, Oct. 11, \$94.00; Tulsa, Nov. 8, \$59.00; and North Carolina State, Nov. 15, \$95.40.

For further information, contact the Campus Activities Office, 748-6600, ext. 1225 or write in care of the University of Houston, Houston Texas, 77004.

See ticket request below.

## Legislators

(Continued From Page 1)

sentative, was elected in 1966. A UH alumnus, he served in the U. S. Army.

He is married and the father of one child.

JOE ALLEN (D), Place 3 representative, has served as vice-chairman of the Data Processing and Printing Committee. Elected in 1966, he served in the U. S. Army.

He is married and the father of one child.

LAURO CRUZ (D), Place 5 representative, received the BS degree at UH. Elected in 1966, he served in the U. S. Marine Corps.

He is married and the father of four children.

### DISTRICT 24

TOM BASS (D), Place 1 representative, has served as chairman of the Interim Activities Committee. Holder of the MED degree from the UH, he was elected in 1962.

He served in the U. S. Army, and is married and the father of 10 children.

RAY LEMMON (D), Place 2 representative, holds the BS degree from UH. Elected in 1968, he served in the U. S. Army. He is married and the father of five children.

JIM CLARK (D), Place 4 representative, was elected in 1966. A UH graduate, he served in the U.S. Navy.

He is married and the father of three children.

BILL T. SWANSON (D), Place 5 representative, has served as vice-chairman of the Oil, Gas and Mining Committee. He holds the MS degree from UH.

Elected in 1966, he served in the Coast Guard. He is married.

Also a graduate of the University of Houston is JOE ADOLPH HUBENAK (D), representative from Brazoria County. An accountant, he was elected in 1968. He served in the U. S. Army National Guard.



Outstanding Business Alumnus. . .

William W. Sherrill, (left) (BBA '50), a Governor of the Federal Reserve Board, was honored May 23, 1969 at the College of Business Alumni Awards Banquet, as the Outstanding Business Alumnus of the

University of Houston. Richard Bass, (right) (MBA '69), President of the Association, presents Sherrill with the plaque commemorating the event.

### UNIVERSITY OF HOUSTON RED AND WHITE FLYS AGAIN!

Again, this year the University of Houston Red and White Constellation Airliner will follow the "Bowl Bound" Cougars for the greatest season in the history of Cougar football and the Red and White.

#### TICKET REQUEST

Only UH students, former students, faculty members and staff members are eligible to fly with the University of Houston RED and WHITE.

Persons purchasing or reserving tickets for all five games are entitled to first option on bowl game flight and game tickets. Payment in full for all five games also entitles one to a five percent quantity/-cash discount.\*

You may reserve tickets to all five games for a \$10 deposit per ticket or for individual games for a \$20 deposit per ticket. The balance will be due by 4:30 p.m. on Friday one week prior to the game for which the ticket has been served. (See ticket story)

Please reserve for/send me tickets aboard the UH RED AND WHITE flight(s) in the quantity and for the game(s) indicated below:

| DATE  | QUANTITY |                                 | ALUMNI  | STUDENTS |
|-------|----------|---------------------------------|---------|----------|
| 9-20  | _____    | University of Florida           | \$91.00 | \$82.00  |
| 9-27  | _____    | Oklahoma State University       | \$56.00 | \$53.50  |
| 10-11 | _____    | University of Arizona           | \$94.00 | \$80.50  |
| 11-8  | _____    | University of Tulsa             | \$59.00 | \$51.50  |
| 11-15 | _____    | North Carolina State University | \$95.00 | \$85.50  |

TOTAL

Less 5% if applicable

FINAL TOTAL

I have enclosed the amount shown in final total above. I want to reserve/purchase tickets in the quantity for and the games indicated above. I understand the balance on tickets I have reserved is due by 4:30 p.m. on Friday one week prior to the game for which I have reserved the tickets. MY FAILURE TO COMPLY WITH THIS PROVISION INDICATES THAT I WISH TO FORFEIT MY DEPOSIT.

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PAYABLE TO THE UNIVERSITY OF HOUSTON RED AND WHITE.  
MAIL TO: CAMPUS ACTIVITIES, 3801 CULLEN BLVD., HOUSTON, TEX, 77004

## NATO awards grant to Tiller

A UH professor of chemical engineering, Dr. Frank M. Tiller, has been awarded one of 20 grants given each year to senior American scientists and engineers by the North Atlantic Treaty Organization (NATO).

Dr. Tiller, plans to visit various outstanding research people in the field of filtration throughout Europe for a six-week interval in December, 1969 and January, 1970.

Dr. Tiller's base of operation will be in London, England with Professor Kenneth Ives of University College.

Dr. Tiller came to the University in June of 1955. He received his Bachelor of Chemical Engineering degree from the University of Louisville in 1937, and his Master of Science and Ph.D. degrees from the University of Cincinnati.

He has been active in the field of filtration for twenty years, having chaired ten filtration symposia held by the American Institute of Chemical Engineers over the period 1952 through 1969.

He has also served as chairman of the program committee for filtration in the AIChE for 15 years. He was the founder and first president of the Texas Filtration Society, and the first foreign chapter of the Filtration Society in London.

Dr. Tiller served as Dean of the Cullen College of Engineering from 1955 through 1963 and has done extensive work in Latin American education for the past 10 years.

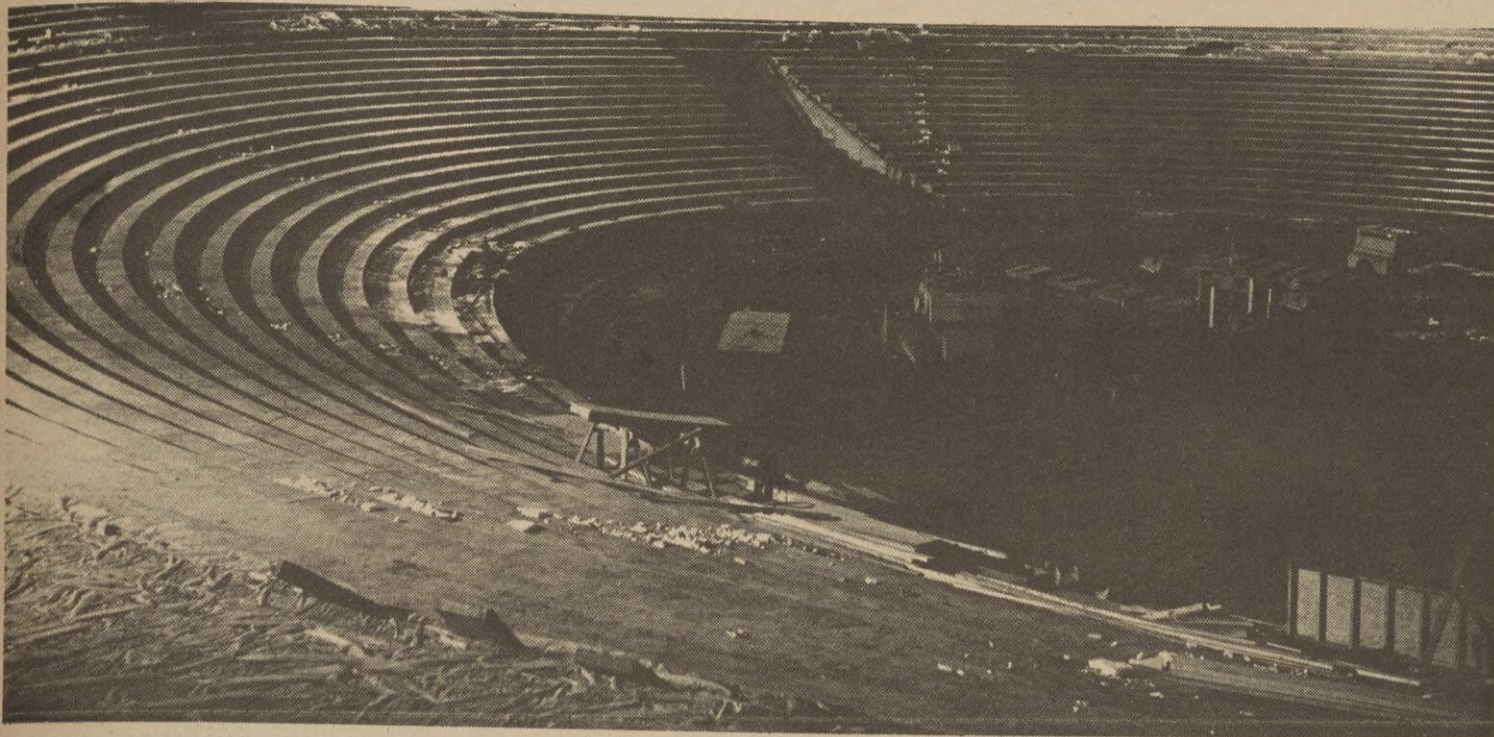
## NASA funds UH research for Apollo communications

The National Aeronautics and Space Administration has awarded a \$26,685 research grant to investigate the project "A Parametric Analysis of Some Aspects of the Apollo Communication Systems Signal Design."

Under the direction of Dr. Nazmi M. Shehadeh, assistant professor of electrical engineering, a research team will investigate transmission characteristics of selected signals used in the Apollo communication systems.

The team will also analyze the effect of bandwidth limitation on pulses transmitted to carry information (i.e. telemetry), and identify possible in-phase demodulated techniques which would be applicable to the improvement of the Apollo communication system.

# Strike delays Cougar's field house debut



Field house construction continues . . .

A three-month strike by the iron workers has practically eliminated the possibility of the new UH field house being completed in time for the opening of the 1969-70 basketball season, Dec. 1.

Estimates now, providing there are no more strikes, call for completion to be as late as mid-January.

A new game site for the coming season has not been selected yet. It is possible that games will have to be played at several different locations, including the Coliseum, Astrodome or Delmar gym.

Nebraska, Texas A&M, Southern Cal, Santa Clara, Long Beach State and Creighton are among the new home opponents on the Cougar basketball schedule this year.

The complete schedule:

### Basketball Schedule

|            |   |             |
|------------|---|-------------|
| Dec. 1     | Southwestern Louisiana                                | Houston     |
| Dec. 4     | U. Texas at Arlington                                 | Houston     |
| Dec. 6     | Centenary   | Houston     |
| Dec. 12-13 | Bluebonnet Classic (Nebraska, Texas A&M, Kent State.) | Houston     |
| Dec. 15    | Loyola of California                                  | Houston     |
| Dec. 17    | Santa Clara   | Houston     |
| Dec. 20    | Southern Cal  | Houston     |
| Dec. 22    | California State at Long Beach                        | Houston     |
| Dec. 26-27 | University of Nevada (Holiday tournament)             | Las Vegas   |
| Jan. 10    | West Texas State                                      | Houston     |
| Jan. 24    | St. Mary's at San Antonio                             | San Antonio |
| Jan. 27    | Seattle   | Seattle     |
| Jan. 29    | Montana State   | Bozeman     |
| Jan. 31    | Utah State  | Logan, Ut.  |
| Feb. 5     | St. Mary's at San Antonio                             | Houston     |
| Feb. 7     | Creighton   | Houston     |
| Feb. 12    | Hardin-Simmons  | Houston     |
| Feb. 14    | Miami at Florida                                      | Houston     |
| Feb. 19    | Loyola at New Orleans                                 | Houston     |
| Feb. 21    | Centenary   | Shreveport  |
| Feb. 26    | U. Texas at Arlington                                 | Arlington   |
| Feb. 28    | U. of South Alabama                                   | Houston     |
| Mar. 2     | West Texas State                                      | Canyon, Tx. |
| Mar. 4     | Creighton   | Omaha, Nb.  |

## Season grid ticket deadline nears

UH Athletic Business Manager Ned Thompson has announced that there will be a delay in delivering tickets to people who have purchased Cougar season football tickets.

"Due to a printing change brought about by a change in the time of the Miami game, the printers have notified us that

our tickets will not be delivered until late in July. This means it will probably be the first part of August before we will be able to mail out and deliver tickets," explained Thompson.

Houston's first home game will not be until October 4 when the Cougars meet Mississippi State, so the delay should not cause any problem.

### New Applications now accepted.

Applications from people who have not previously held UH tickets are being accepted in the meantime.

The Cougar will play five home games this fall and four of the five home opponents have appeared in bowl games within the last two seasons. UH will play six home games in 1970, including contests with Alabama and Syracuse. 1969 season ticket holders will have first option on the same seats for the 1970 season.

With a student body approaching 25,000 and the list of season ticket holders growing every year, the number of seats

that will be available to the general public will be limited in just a few years.

Almost one million fans have watched the Cougars since moving to the Astrodome in 1965.

### Ticket Prices

Season ticket prices are \$35.00 for box seats and \$30.00 for reserved seats. Additional information can be obtained by calling the UH Athletic Office, 748-6823.

## Williams heads bat statistics at season's end

Seniors Troy Williams, Phil Rose and Jim Sparkman are the final team leaders in all UH batting statistics for the 1969 season.

Williams, a former Houston Austin High School star, is the team leader in batting with a .326 average, hits with 43 and stolen bases with 36. His 35 steels is a new school record, breaking the old mark of 21 set in 1964 by George Berger.

El Campo's Sparkman, the team's power hitter, is the leader in doubles (8), home runs (4), total bases (55), and runs batted in (23).

Former Bellaire High catcher Rose is the leader in runs (24), triples (4), and bases on balls (19).

Spring Woods product Larry Taylor is the pitching leader for 1969. Taylor's four wins, 58 strike outs and 3.12 earned run average is the team's best in each of those important categories.

The Cougars finished the 1969 season with a record of 15 wins and 23 losses.

Williams' stolen base mark, an average of one per game, could lead the nation. However, the final national stats won't be compiled until after News has gone to press.

Last year's national leader averaged 1.2 stolen bases per game and the highest total for the 1968 season was 34 stolen bases.

Williams stole just eight bases during the 1968 season.

## Yeoman announces signing three top high school stars

UH Head Football Coach Bill Yeoman has announced the signing of three additional high school football stars to inter-conference letters of intent.

Two of the three won all-state honors and the third was an all-district choice. They are Donnie Joe Morris of Amarillo, Harry Griffin of San Angelo and George Collins of Houston.

Morris, who will play in the high school all-star game this summer, was the most valuable player at Palo Duro High and earned all-state honors there for Coach George Kirk.

The 6-0, 175-pound halfback gained 1,487 yards and scored 15 touchdowns, including a high game of 344 yards. Morris was also a track star at Palo Duro. His 9.5 clocking in the 100-yard dash is one of the

state's best this season. Morris plans to major in sociology.

Collins, an all-city, all-state and All-America guard and linebacker at city-champion Washington High is the sixth all-state lineman signed by UH.

The 6-3, 212 pounder was also a three-year basketball letterman. He also plans to major in sociology. Both Collins and Morris had numerous scholarship offers from schools throughout the nation.

Griffin, also a top sprinter, was the district champion in the 100-yard dash with a 9.8 clocking. The 5-11, 165 pound halfback, who will study public relations at UH, plated at Central High School. Cougar varsity players Jerry Drones, Gary Mullins, Harold Smith, Mike Phelps and Ray Mullins all played their high school ball at San Angelo Central.

## UH-Miss State tilt home opener

Following two out of town games Sept. 20 and 27 against the University of Florida and Oklahoma State University, UH Cougars will begin their home season Oct. 4, in the Astrodome, against the top rated Mississippi State Bulldogs.

An added treat is in store for the fans

who attend the Oct. 4 game. The UH Band in cooperation with area high school bands, will present the Band Night festivities.

There will be a total of five games played at home in the Astrodome. Expected to be one of the country's top teams again this season, UH is the only team in Texas that has ranked among the nation's top twenty teams in the wire service polls for each of the past three seasons.

(See Cougar Club application, page 3)

### Football Schedule

|           |                                     |           |
|-----------|-------------------------------------|-----------|
| Sept. 20  | University of Florida (Gainesville) | 2:00 p.m. |
| Sept. 27  | Oklahoma State (Stillwater)         | 1:30 p.m. |
| Oct. 4    | Mississippi State (Houston)         | 7:30 p.m. |
| Oct. 11   | University of Arizona (Tucson)      | 7:30 p.m. |
| * Oct. 25 | Mississippi University (Houston)    | 7:30 p.m. |
| ** Nov. 1 | University of Miami (Houston)       | 1:20 p.m. |
| Nov. 8    | Tulsa University (Tulsa)            | 1:30 p.m. |
| Nov. 15   | N. Carolina State (Raleigh)         | 1:30 p.m. |
| Nov. 22   | University of Wyoming (Houston)     | 7:30 p.m. |
| Nov. 29   | Florida State (Houston)             | 7:30 p.m. |

\* Homecoming \*\* To be televised

University of Houston Alumni Federation  
3801 Cullen Boulevard  
Houston, Texas 77004

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For Members of  
UNIVERSITY OF HOUSTON ALUMNI FEDERATION  
and their Immediate Families

# ALL-HAWAIIAN CARNIVAL

Via Overseas National Airways (a certificated supplemental carrier)

1 NIGHT IN

## HILLO

at the Orchid Isle or Hilo Bay Hotel

2 NIGHTS IN

## KONA

at the Kona Hilton or Kona Inn

3 NIGHTS IN

## MAUI

at the Maui Hilton, Sheraton Kaanapali, or other  
luxurious hotel.

7 NIGHTS IN

## HONOLULU

at the Hilton Hawaiian Village

Two weeks of gay, carefree living on three of Hawaii's loveliest islands in four of her most fascinating cities where East meets West and mountain, ocean and sky meld their varied hues beckoning you to your vacation of a lifetime! Enjoy a traditional flower-lei greeting to graceful **HILLO**, the gateway to the colorful orchid fields and volcanoes of the "Big Island" . . . explore in and around the sleepy windward village of **KONA** at the base of snow-capped Mauna Kea . . . discover **MAUI**, a sightseer's dream with its quiet valleys and vibrant coastal life . . . and thrill to glamorous capital city, **HONOLULU**, where you'll browse exotic Waikiki and explore one of the world's most beautiful coastlines.

### EVERYTHING'S INCLUDED:

- Jet flights
- Flower lei greeting
- Tour escort throughout
- Luxury hotels
- All breakfasts
- All dinners
- Sightseeing
- Cocktail party
- Transfers
- NO REGIMENTATION

DEPARTURE DATE: OCTOBER 26, 1969  
DEPARTURE POINT: HOUSTON



# \$599

complete per person  
double occupancy plus \$29.50 tax and services

UNIVERSITY OF HOUSTON ALUMNI FEDERATION/3801 Cullen Blvd./Houston, Texas 77004/(713)748-6600

Gentlemen:

Enclosed please find \$\_\_\_\_\_ as deposit  as payment in full  for \_\_\_\_\_ number of persons.

(Make check or money order payable to: ALL-HAWAIIAN CARNIVAL  
\$599 per person double occupancy plus \$29.50 tax and services  
\$100 minimum deposit per person. Final payment due 30 days before departure.)

NAME \_\_\_\_\_ PHONE \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DEPARTURE DATE \_\_\_\_\_ DEPARTURE CITY \_\_\_\_\_

Return this reservation immediately to insure space. Reservations limited. Rates based on double occupancy. Single rates \$100 additional. Special rates for children under 12 upon request. Please send me your All Hawaiian Carnival brochure.